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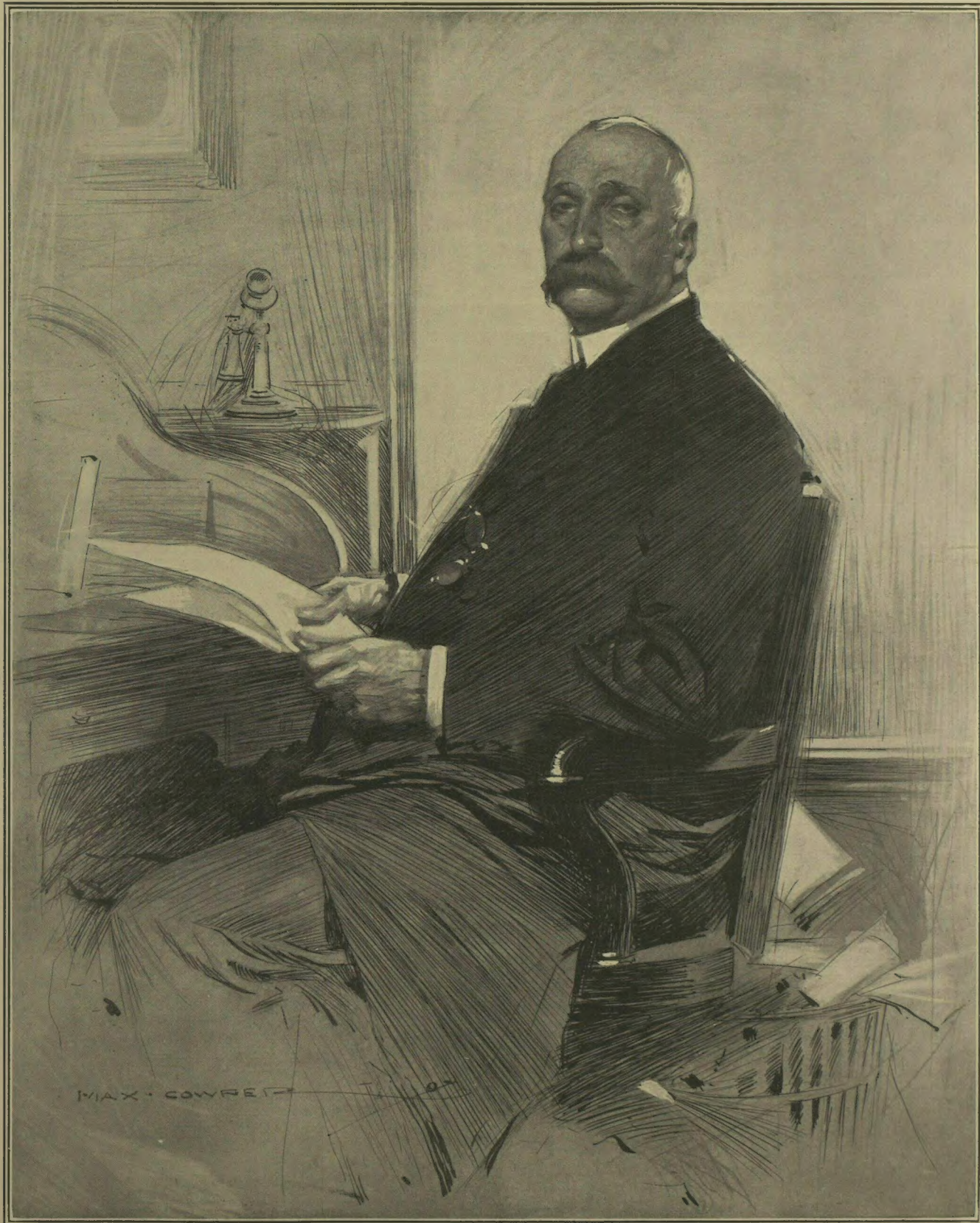
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Can Sea-Sickness be Prevented?

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LEADER OF THE RAILWAY SERVANTS' AGITATION: THE MOST PROMINENT LABOUR CHAMPION
OF THE HOUR, MR. RICHARD BELL, M.P.

Mr. Bell, who is forty-seven, was formerly the guard of a goods train. He is the Secretary of the Amalgamated Society of Railway Servants, the leader of the present agitation against the companies, and sits in Parliament for Derby in the Labour interest. On another page we give the statistics of the forces at Mr. Bell's disposal, and photographs of all the types of railway servants.—[SPECIAL PORTRAIT DRAWN BY MAX COWPER.]

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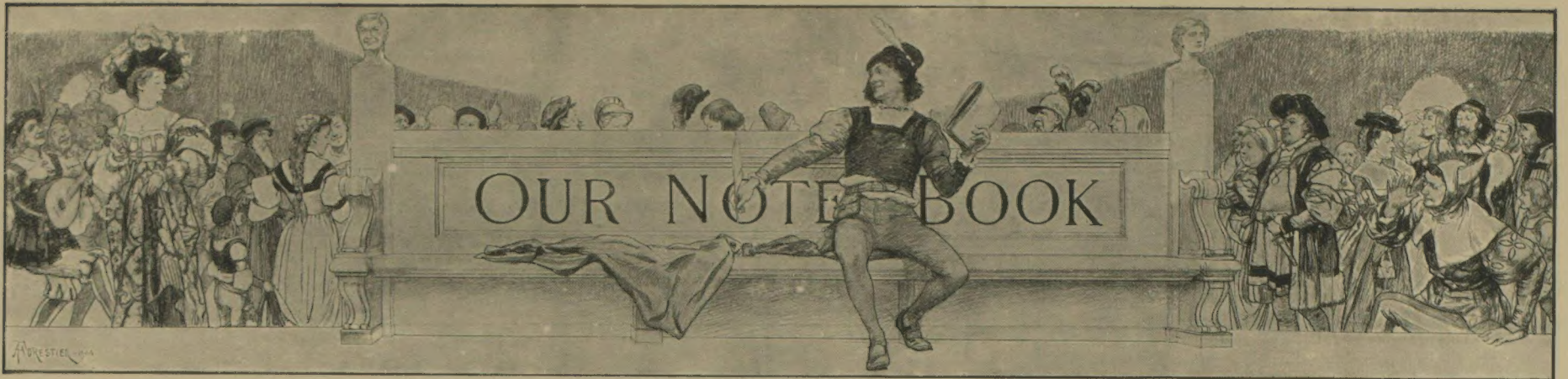
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By G. K. CHESTERTON.

WELL-INFORMED people have been picking out some rather serious blunders in the preliminary pamphlet of the "Harmsworth History of the World." The writer of "Table Talk" in the *Daily News* remarked, with his usual humorous restraint, that "even a writer of universal history might know that Napoleon was never a private soldier." And both he and "Historicus" in the *Nation* note the extravagance of the statement that Napoleon was at the head of a million men. Yet these inaccuracies, I confess, seem to me far less important than the huge inaccuracy in the whole view of history which belongs to the great part of such works. The best historian might make a slip about Bonaparte's rank or put in an extra "o" in the account of his armies; still less is it possible for quite uneducated people to be exact about such things. But even uneducated people may get a general imaginative grasp of history, and get it right. They can hardly know the facts, but they can know the truths. As the case selected is Napoleon, we may take Napoleon. Now the truth about Napoleon is that he was a very bold and able man of liberal views, who found his inspiration in the fact that the first fighting power of Europe had declared war for political justice, and who found his opportunity in the fact that that fighting power required a great fighting general. That is what is broadly true about Napoleon; and what is not true about Napoleon is that he was in any way like the Editor of the *Daily Mail*, that he was a mere individualist or money-maker, a mere schemer by himself and for himself. His success was avowedly through others; to a great extent his success was for others. In comparison with this great distinction between the public warrior and the private adventurer all minor mistakes are even unimportant. It is not essential to insist that Bonaparte was not a private soldier. It is essential to insist that he was a soldier—not a stock-broker or a carpet-bagger or a man merely advertising himself. Of course, the very phrase "private soldier" is a contradiction in terms; every soldier is a public soldier. The only private soldier one can conceive is the brigand. And this is the important truth about Bonaparte, that he was not a brigand. He rose in a public service; that is, he must have risen by patriotism. He rose in a European army; that is, he must have risen by obedience. The same is true in the point about the size of his army. It does not much matter whether they say that Napoleon was supported by a million men as long as they realise that Napoleon was supported by men: by men of an ardour and valour quite as special and extraordinary as his own, and of an ability in many cases not unmistakably inferior. Above all, it would have mattered very little that the writer described Napoleon leading a million men if he had also described Napoleon's enemies as leading a million and a half or two millions. He might comparatively harmlessly describe Napoleon as beginning life as a powder-monkey, so long as he gave the impression that he grew up under orders and under fire. He might describe the French army as twelve billion strong, so long as he gave the true impression that it was one army against five.

So that the mere mistakes in obvious fact will not trouble me very much as they appear from time to time in the "Harmsworth History of the World." They are free to underrate any hero's origin, or to over-rate any muster of men. When they declare that Caxton began life as a printer's devil, or mention the trial of the Seventy Bishops, I shall not be concerned. If they choose to say that Lord Kitchener got his name by starting as assistant to a head cook, it will not trouble me. If they assert that Mr. Balfour entered office in

1903 at the head of a million of his cousins, it will not distress or even surprise me. False details, which are most dangerous in books of reference, are of less import in popular histories: for men read books of reference only for the sake of particular details; but they read popular histories for the sake of a general historical impression. And it really is serious if that general historical impression is wrong. And in such books as this it is wrong. If they said that Napoleon was a centaur, and marched at the head of a million mermen it could not be more wrong.

The responsibility of any editor or popular writer is a responsibility for a general effect. If I put in print the words, "Mr. Asquith charged with burglary and

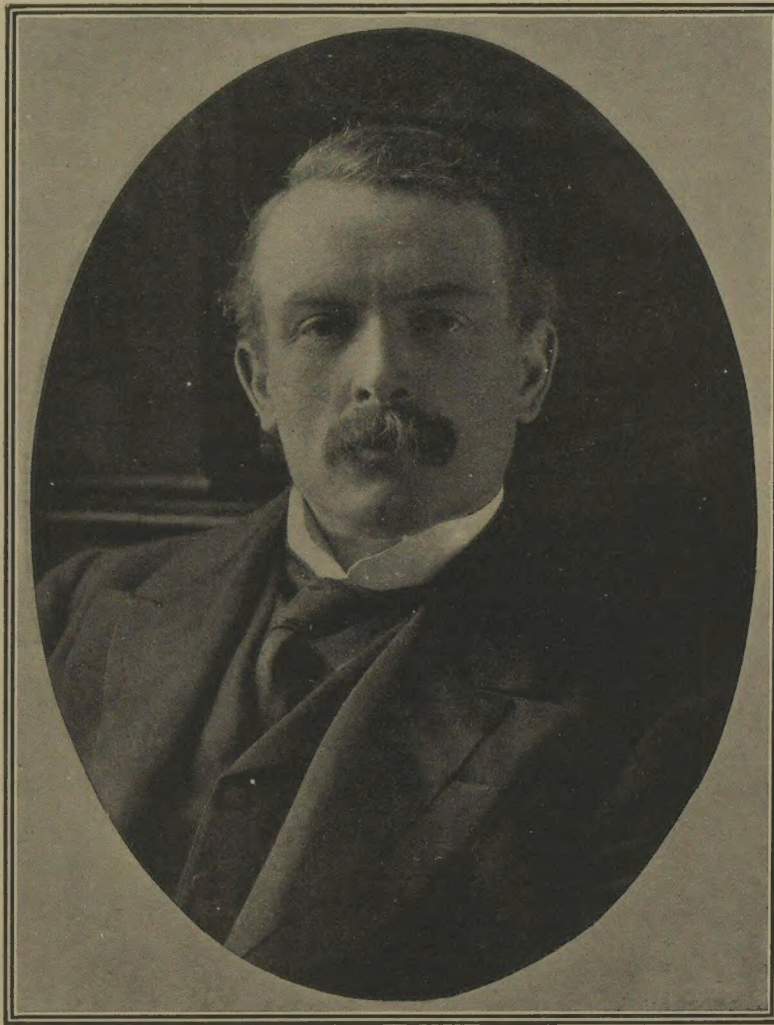
altogether in the mild manner in which I have attempted to compose these articles. But I think that the admirers of Mr. Carnegie might think that it made some difference whether the pictures in my book were views of public libraries or whether they entirely consisted of photographs of the corpses of the men shot down at Pittsburgh.

I confess that I find the illustrations in such books as "Harmsworth's History of the World" simply indefensible. This first issue of the History is concerned with primitive man. If the whole book had consisted of blank pages it would pretty fairly have represented all we really know about primitive man. There is a great deal of quiet intellectual impudence about writing a history of what happened before history. But if a book is to be concerned with prehistoric human society, let it at least be concerned with what can be proved, and let it be illustrated with the few physical facts that can be found—which are nearly all bones and stones. Instead of this the Harmsworth historian offers to the innocent reader any picture that any man, mad, sane, or indifferent, has ever chosen to draw or paint on the subject of early or barbaric humanity. One of the most prominent pictures, for instance, is one of Cain on his wanderings. He is delicately offered as "primitive man," for fear of disturbing the sensitive feelings of the scientific rationalists, who know nothing about the early earth except that Cain never existed. On this principle I cannot see why there should be any limit to the pictures in the Harmsworth History. Almost anyone with no clothes on would do. But, if the idea is to spread knowledge, we must certainly protest against such pictures. We do not know that primitive man wore no clothes. In fact, we do not know anything at all, except that he had bones and that he chipped stones.

But we have bones and we chip stones; and if a similar period of time passed it would be highly probable in many cases that only stones and bones would remain. The thing that remains is not the thing that matters. If a modern man was buried like a primitive man the centuries would destroy his shirt and leave his shirt-studs. And I suppose that the scientific wisecracks of the future would prove beyond question that the Englishman of the twentieth century wore nothing but a collar-stud.

This is where the real evil and danger of such collections come in. It is not science that is dangerous, the few facts really known. It is the huge superstructure which the human fancy erects in an instant upon the smallest and most trifling hint. If we know nothing about a man except that he is a Presbyterian

and once bought a green umbrella, we cannot help making an immediate picture in our minds, complete, artistic, and alarming. Whereas in truth those two things may be quite minor matters in the man's life: he may have early abandoned Presbyterianism and only bought a green umbrella during the one evening of intoxication with which he celebrated his deliverance from that creed. In the same way, when we see a skeleton and a stone axe-head, we instinctively think of a naked man with a stone axe. The man may, as a fact, have been slightly overdressed and may never have used a stone axe in his life. It may have been a ritual to put quite useless axes into graves. It may be that one might as well say that every man with flowers on his tomb is a florist or that any man in a wooden coffin was a carpenter. We do not know anything about these things. To talk about the world before history is to talk about knowledge before knowledge. But the Harmsworth History of the World fills up all these gaps with a charming ease, simply by putting into its history any pictures of half-clad people out of any picture-gallery or magazine.



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Mr. David Lloyd George, who is working strenuously for arbitration in the railway dispute, is not fettered by official precedent. Instead of waiting at Whitehall for a report of the Shrewsbury accident investigation, he attended the inquiry in person and took part in the examination of witnesses.

acquitted," I am responsible not only for the sentence but for the gigantic letters in which I print the word "charged," and the minute, nay, microscopic type in which I print the word "acquitted." One fact follows from this, which is too much neglected. There is no editorial responsibility so serious as the responsibility for pictures. Morally and democratically, the illustrations of a book are far more important than the book. Most of us can read writing, but none of us can help reading picture-writing. We can start reading a printed page and decide whether we will read it; we cannot start looking at a pictured page and decide whether we will see it—we have seen it. Print is at the best a temptation; a picture is an assault. Hence the responsibility of those giving truth through popular histories must be specially judged by whether their pictures are really meant to help the history or only to help the sale. Certainly the pictures of a book sum up and decide its real tendency.

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WORLD'S NEWS.

The "Edward Medal."

Last week the *London Gazette* published a Royal Warrant expressing the King's desire to distinguish by mark of royal favour the heroic acts that miners, quarrymen, and others perform in saving or endeavouring to save life in times of peril in mines or quarries. With this end in view, his Majesty has decided to institute a new medal, which will be reserved for such acts. The Warrant sets out his Majesty's wish that the medal shall be of two classes, in silver and bronze. It prescribes the conditions under which the award will be made and the circumstances under which it may be forfeited. His Majesty's action will be greeted by all classes of the community with genuine approval, for it is well known that many deeds done in quarries and mines would earn the Victoria Cross if performed on the field of battle.

The Railway Dispute.

The crisis in the railway world continues to agitate the larger world that depends in part upon the railways for the conduct of the ordinary affairs of life. There has been one notable development since last we dealt briefly with the problem in this place, and it takes the form of an invitation from the President of the Board of Trade to the Chairmen of the Railway Companies to meet him at his office in order to discuss privately and informally the demand of the railway workers for the recognition of their Societies. The Midland Railway Company has issued a circular to its staff pointing out that in the past ten years concessions have been made to the men that cost the company £240,000 a year, and that the directors have decided to adhere to their custom of holding direct communication with elective representatives of each grade of their workers rather than to recognise the demands of Mr. Bell on behalf of the Amalgamated Society for the sake of temporary peace. On Saturday the Conference of Delegates of Railway Men's Trade Unions on the question of united action was brought to a close in Manchester. Resolutions were carried supporting the demands of the unions for the elementary right, inherent in all trade unions, to collective bargaining, and the consequent right of being represented in all trade disputes by their own duly elected officials. At Battersea Mr. Bell has addressed another large meeting, declaring that if the Companies do not concede the demand made on them, the members of the Amalgamated Society will not turn back. There is a very general feeling among the general public that a strike must be avoided.

The Situation in

Morocco.

From Morocco the news is fairly satisfactory, as far as the Powers of Europe are concerned. The Sultan has lent an attentive ear to the advice of the French Envoy, M. Regnault, and there is every reason to believe that the latter has assured Mulai Abd el Aziz of French support against his half-brother, the usurper. In the meantime the country round Casa Blanca shows signs of returning to its normal state, and several important chiefs have paid visits to General Drude to assure him that they regard him as a brother. In the South the news is bad. The Jewish quarter at Marrakesh is in great danger because fanatics have stirred up the populace to a belief that Jewish intrigue is responsible for the invasion of Casa Blanca. Jewesses have been sold openly in the Marrakesh slave market, and the gates of the Mellah are guarded by soldiers. The Moorish Envoys sent by Mulai Hafid have left London after a fruitless endeavour to obtain recognition from our Foreign Office, and reached Berlin some days ago, to find themselves equally unfortunate in the Wilhelmstrasse. They are now on their road from Rome. It is to be feared that while their European visit will be full of interest to them as tourists, it will yield no benefit to their master, and their reception when they reach his camp is one that we do not care to contemplate. Happily, they are fatalists, and know that their failure was predestined. It is rumoured that arrangements are being made to float a loan in Paris to relieve the present urgent necessities of the Moorish treasury. Relations between France and Spain are not as cordial as they might be; the Spanish papers declare that France is seeking to gain complete control over Morocco at the expense of Spain's rights and interests.

OUR SUPPLEMENT.

THE question of *mal-de-mer* is perennial, and it is probable that the remedy will be sought vainly until the end of time. The *Lusitania*, however, with her extraordinary steadiness, has probably brought us the nearest solution of the difficulty that will ever be found. The attempts that have been made by ship-builders to find a steady vessel for the disastrous Channel passage have been illustrated in this Journal for the last sixty years and more, and many of these early experiments, together with the most recent applications of the gyroscope, which has been found so successful on the German torpedo-boat *Seebär*, are reproduced in our Supplement. "An Old Sailor" contributes an amusing article on the natural and literary history of sea-sickness.

NOTE TO CONTRIBUTORS.

It is particularly requested that all SKETCHES and PHOTOGRAPHS sent to THE ILLUSTRATED LONDON NEWS, especially those from abroad, be marked on the back with the name and address of the sender, as well as with the title of the subject. All Sketches and Photographs used will be paid for. The Editor cannot assume responsibility for MSS., for Photographs, or for Sketches submitted. Poetry is not invited and cannot be returned. N.B.—Photographs and Sketches should always be accompanied by postage stamps, otherwise their return cannot be guaranteed.

PLAYHOUSES.

EURIPIDES' "MEDEA" AT THE SAVOY.

IT was the great faculty of Euripides that he could inspire human tenderness and play of the gentler emotions into those legends of heroic crime and superhuman horror which constituted very largely the stock-in-trade of the Attic theatre; and this treatment it is of his, often impeached as rationalistic, or even irreligious, by his own generation, that renders his tragedies more appealing to the modern playgoer than the sublimer poetry of Aeschylus or the more classic elegance of Sophocles. What more barbaric or ghastly story, for instance, is to be found in the whole range of the Greek sagas than that of Medea, the savage, Oriental princess, betrayer of her country, witch and past-mistress in the art of murder, who sacrificed all she held dear to passionate love of the Hellenic adventurer, Jason, and then, when deserted by him and replaced by a rival, wreaked by way of vengeance an awful death, not only on her would-be successor, but also on her own and Jason's innocent children! Scarcely a theme, you would say, permitting of much display of natural emotion; scarcely a heroine to possess the kindlier feelings! Yet just the conspicuous feature of Euripides' handling of the grim old tale is the suggestion that the dramatist conveys of his heroine's struggle between maternal affection and a sense of outraged love and trustfulness. This human element of the play is, at any rate, that which is brought home most vividly by Messrs. Vedrenne and Barker's Savoy production of the "Medea," and it is her emphasising of this which makes Miss Edith Olive, so bizarre with her dark complexion and hair and her reddish robes, so intense, if rather monotonous in her declamation, a Medea that wins her audience's sympathy. What impresses a modern audience almost as much as Medea's conflict of emotions is the supreme lyrical quality of the play's choric interludes. These, in Professor Gilbert Murray's noble translation, with their Swinburnian echoes, especially as they are rhythmically declaimed and not sung, exercised a wonderful charm last Tuesday afternoon, and it was the chorus which, in its vain appeal to the heroine half-way through the play, was most successful in compelling its audience's tears. The most varied display of oratory was that given by Mr. Lewis Casson as the Messenger, but both Mr. Hubert Carter's Jason and Miss Bateman's Nurse were deserving of all praise.

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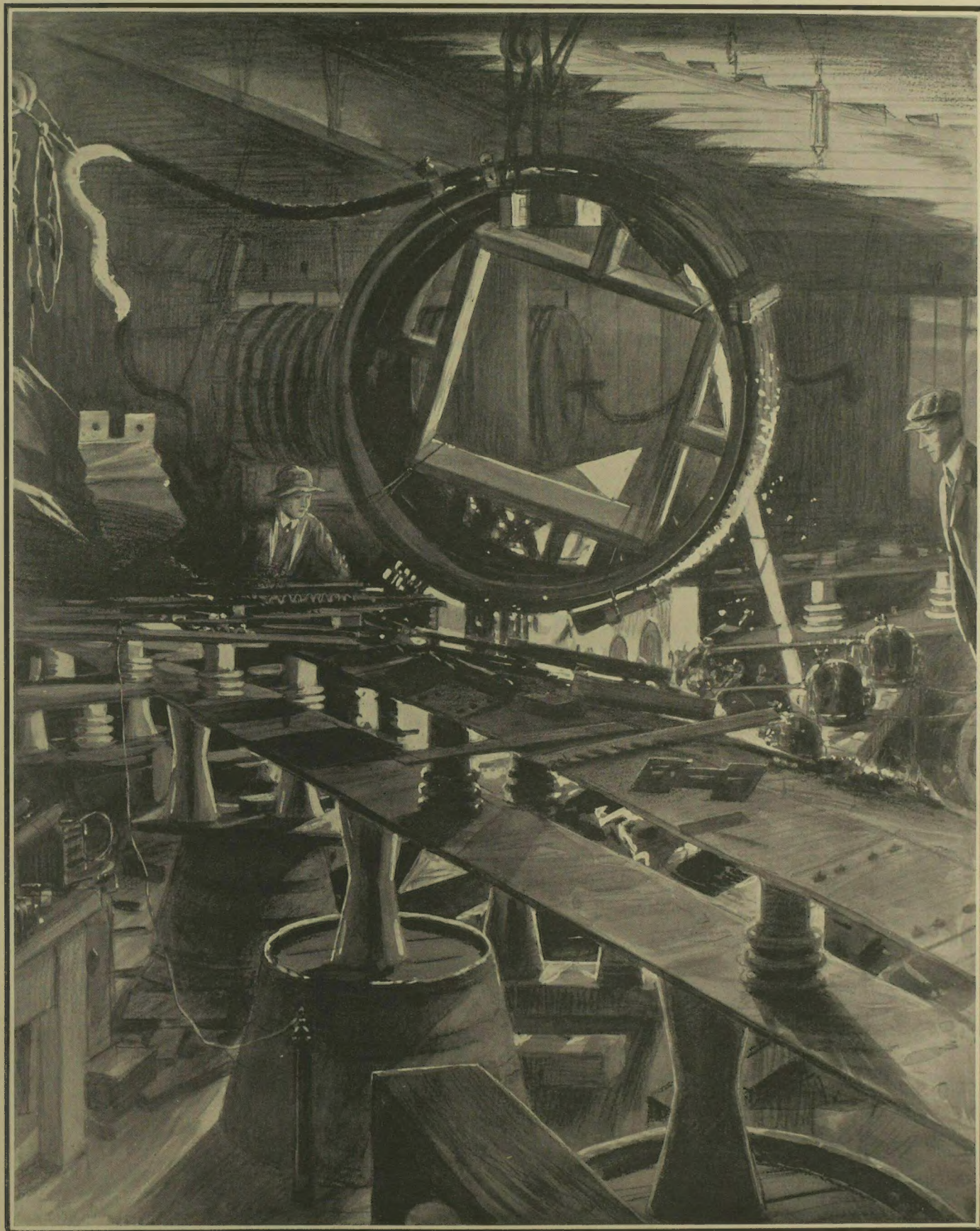
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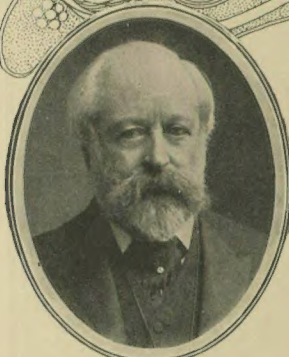
THE SPARK THAT SPEAKS ACROSS THE ATLANTIC: THE MARCONI TRANSMITTER AT WORK.

The plates which radiate from the huge coil in the centre of the shed are connected with a great series of galvanised iron plates hung parallel to one another in an adjoining building. These plates form, as it were, a gigantic Leyden jar, which condenses the tremendous current received from the dynamos. When the spark passes, the vibrations in the coil are communicated to the cables stretched between high poles in the open air. The passage of the spark sets up vibrations known as Hertzian waves, and these are received by a specially tuned instrument at Cape Breton. The spark is of long or short duration at the operator's will, and thus the letters of the Morse code are spelt out. For a second or two before the beginning of the message there is a sound like a deep growl of thunder, then the spark passes with a rending detonation, and for the rest of the time that the message is being sent the noise resembles that of a machine-gun in action. The operators must not approach the charged plates nearer than six feet. The installation here figured is temporary.



MR. R. C. HAWKIN,
Secretary of the
Eighty Club,
engaged to Miss
Marie Botha.
Photo. Vand.

MISS MARIE
BOTHA,
Sister of
General Botha,
engaged to Mr. R.
C. Hawkin, Secretary
of the Eighty Club.
Photo. Langley.



THE LATE MR. G. F. BODLEY, R.A.,
Distinguished Architect.

shrank throughout his life from all forms of publicity and popularity. A great and original architect, a fine draughtsman, a connoisseur of pictures, a poet, a musician, and an antiquary, Mr. Bodley was a man who claimed the respect of those who were brought into contact with him, and the affectionate regard of the few who were privileged to know him well. For many years he was an Associate of the Royal Academy, but he did not receive the full honours until five years ago. Mr. Bodley was approaching his eightieth year.

Sir Charles Arthur Turner, K.C.I.E., sometime Chief Justice of the High Court of Madras, and member of the Council in India, died in London on Sunday last, at the age of seventy-four. Educated in Exeter and at Oxford, where he graduated M.A. and was elected to a Fellowship of his College, he was called to the Bar by Lincoln's Inn, and went the Western Circuit. About forty years ago he was selected for Puisne Judgeship of the High Court of the United Provinces, then known as the North-Western Provinces

of India, and his work there marked him out for promotion to the Chief Justiceship of Madras, which was given to him some thirteen years later. As a Judge, Sir Charles had an extraordinary facility for dealing with the most complicated problems; no detail of Indian law and custom could baffle him, and his work on the Commission that sat in the late



THE LATE SIR CHARLES TURNER, K.C.I.E.,
Former Chief Justice, Madras High Court.

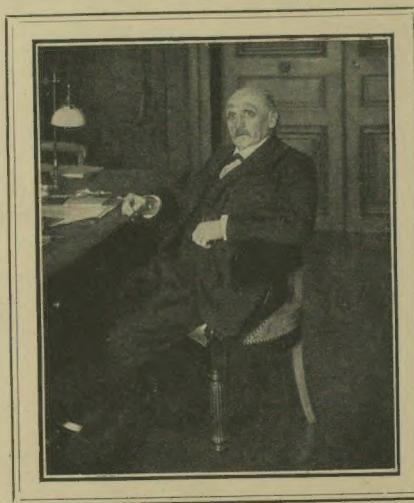
'seventies further to codify Indian law earned the admiration of all who were associated with him. Largely interested in all that concerned Madras, and a devoted adherent to the Church of England, Sir Charles served the Madras University as Vice-Chancellor on two occasions, and when he retired from the Bench in 1885 he remained for some years in India as a member of the Public Service Commission. In 1888 Lord Cross appointed him to the judicial seat on the Indian Council, where he served for ten years, becoming Vice-President of the Council in 1896. He received his K.C.I.E. in 1879, and was best known in private life as a collector of works of art. As a collector he showed the same great qualities of discernment that had marked him as a barrister and as a Judge. Sir Charles Turner was also a prominent figure in the railway world.

Mr. R. C. Hawkin, whose engagement to Miss Marie Botha, sister of General Botha, is announced, is one of the most popular secretaries of the Eighty Club. It is an open secret that he was responsible in part for the invitation that brought General Botha to England, and that he conducted negotiations to that end in the face of a very strenuous opposition. As an organiser he has shown marked ability, and the Eighty Club acknowledged his services in connection with the recent General Election by a special money grant. He has just returned from South Africa, where he met Miss Botha.

M. Maurice Loewy died suddenly a few days ago while speaking at a meeting of the leading astronomers

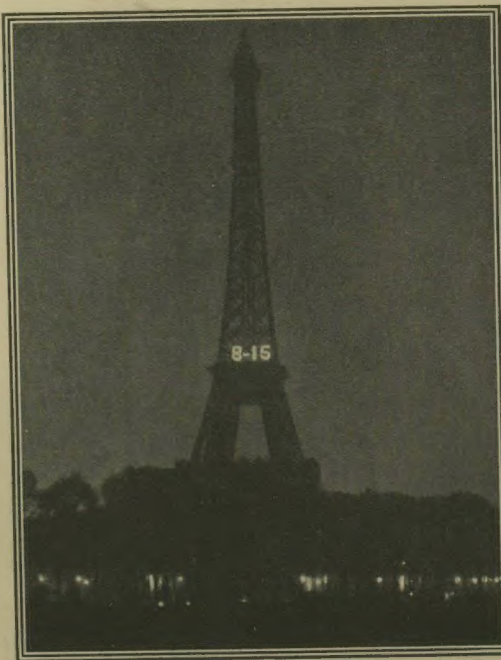
PORTRAITS AND PERSONAL NOTES.

of France at the Ministry of Public Instruction. Born in Vienna seventy-four years ago, M. Loewy came to Paris in 1861. His reputation had preceded him, and he at once received the appointment of Assistant Director of the Paris Observatory. In 1869 he became a naturalised



DIED WHILE LECTURING: THE LATE M. LOEWY,
Director of the Paris Observatory.

Frenchman, and three years later was elected a member of the Academy of Science. On the death of M. Tisserand, M. Loewy succeeded to the office of Director of the Observatory. It is a curious fact that for twenty years past all the Directors of the Observatory, and



THE EIFFEL TOWER AS A CLOCK: THE TIME IN LUMINOUS
FIGURES THAT CHANGE EVERY MINUTE.

For some time mid-day has been signalled from the Eiffel Tower by a report of a cannon, and now a huge electric apparatus has been installed in the second gallery, which tells the time of night in luminous figures which change every minute. These luminous figures are visible at a great distance around Paris.

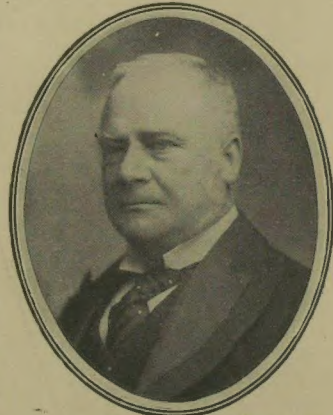
several distinguished astronomers, have died suddenly.

Sir William Garstin, who has been appointed to succeed Sir John Ardagh as British Government Director of the Suez Canal, has been adviser to the Ministry of Public Works in Egypt since 1904. Born in India some eight-and-fifty years ago, Sir William was educated at Cheltenham and King's College, and entered the Indian Public Works Department in 1872. His connection with Egypt is more than twenty years old, and as far back as 1892 he held the appointments of Inspector-General of Irrigation and Under-Secretary of State for Public Works. He received his C.M.G. in 1894, K.C.M.G. five years later, and G.C.M.G. in 1902. He brings to his responsible post very considerable technical experience and administrative abilities of the highest class. British ship-owners will be delighted with the appointment; but their gain is Egypt's loss, for his work as an explorer in the Valley of the Nile has been invaluable, and Egypt is largely indebted to him for the Assiut barrage and the reservoir at Assuan.



SIR WILLIAM GARSTIN,
Who succeeds the late Sir John Ardagh.

Lord Loreburn, who received the honour of a life peerage in 1906, when he was created Lord Chancellor, has just become engaged to Miss Violet Elizabeth Hicks-Beach. He is, perhaps, best known as Sir Robert Reid, and is the second son of Sir James John Reid, of Dumfries. Born sixty years ago and educated at Cheltenham and Balliol College, he has enjoyed a very distinguished career at the Bar and in Parliament. As "Bob" Reid he represented Oxford against Cambridge at racquets in 1865, and was to be found in his University Eleven between 1866 and 1868. He was on the University Council for Oxford from the year 1899 until he became Lord Chancellor. He "took silk" in 1882, became Solicitor-General in 1904 and Attorney-General in the same year. For his services in connection with the Venezuelan Boundary Arbitration Commission he received a special award. Lord Loreburn is a widower. His first wife, to whom he was married in 1871, died three years ago.



THE FIRST LORD CHANCELLOR
TO MARRY IN OFFICE.

Lord Loreburn, engaged to Miss Violet Hicks-Beach.

The Health of Kaiser Franz Josef.

The health of the Emperor of Austria has fluctuated considerably in the past ten days, but the general tendency has been towards improvement. The cough has been less troublesome of late, his Majesty has obtained some refreshing sleep, and on Monday last a reassuring report was posted up in the lobbies of the Chamber of Deputies in Vienna. It was stated that the Emperor has less catarrh, no fever, a better appetite, and increased strength. A semi-official denial has been issued to the statement that a journey to the South is imperative, and we learn that the aged Emperor has been able to take a little of the exercise that is so essential to the well-being of a man as active as he is at normal times. The favourable turn of the illness has evoked expressions of thankfulness and goodwill throughout the Dual Empire, and the fine weather of the early part of the week should do much to complete the work of the physicians.

OUR GREAT ACTRESS-VISITOR AS A SPORTSWOMAN: MME. SARAH BERNHARDT AT THE COVERT SIDE.

FROM A PHOTOGRAPH IN "MEMOIRS OF SARAH BERNHARDT," BY PERMISSION OF THE PUBLISHER, MR. HEINEMANN; SETTING BY "THE ILLUSTRATED LONDON NEWS."

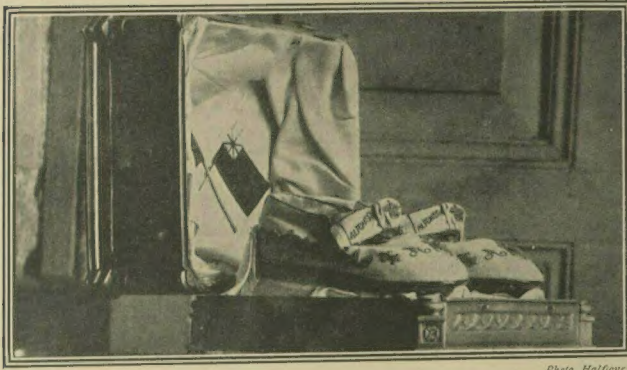


Sarah Bernhardt.

MADAME SARAH BERNHARDT AND MEMBERS OF HER COMPANY OUT SHOOTING.

Sarah Bernhardt's activities are endless. Besides being the greatest of actresses she is a painter, a sculptor, a fencer, an angler, and a sportswoman. She is quite at home with the gun, and during her holidays at her country place, she delights to go out shooting with the members of her company.

GREAT AND LITTLE WONDERS OF OUR MODERN WORLD.



Photo, Halfpines.

CEREMONIAL SLIPPERS FOR SPAIN'S BABY-HEIR: THE PRINCE OF ASTURIAS' FIRST PAIR OF SHOES.

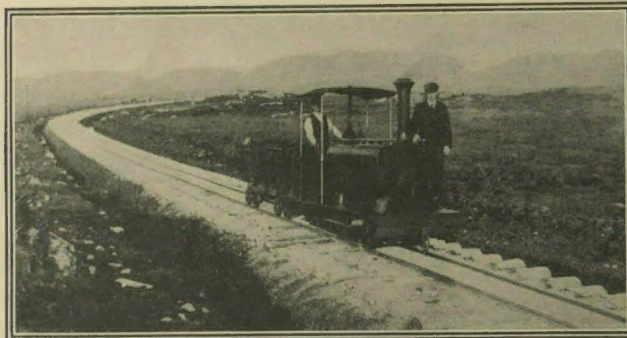
The heir to the throne of Spain is officially presented with his first pair of shoes. The ceremony took place the other day. The shoes are always enclosed in an elaborate casket, which is quite tiny, although its resemblance to a chair is deceptive.



Photo, Halfpines.

TESTING THE PHYSIQUE OF SLUM CHILDREN: WEIGHING, MEASURING, AND LUNG-TESTING.

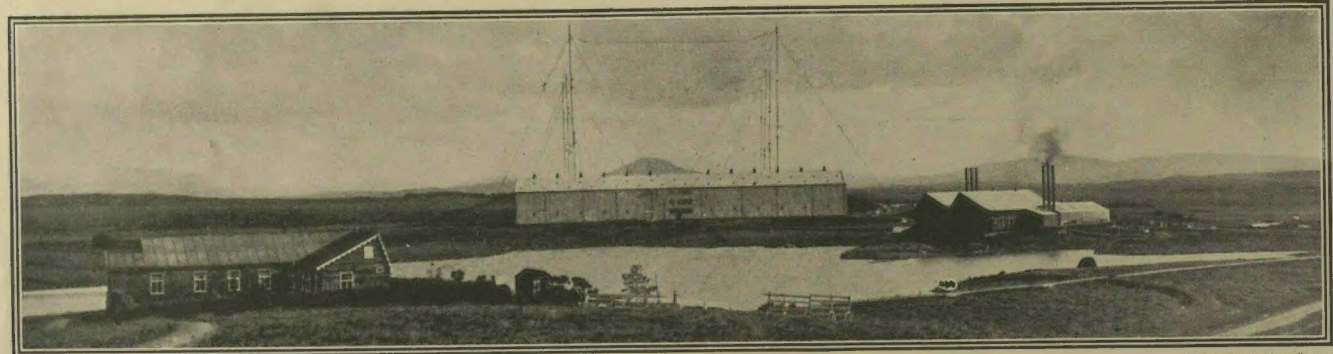
The experiments have been instituted by the Birmingham Corporation under the supervision of experienced nurses and a doctor. Records are kept of the weight, the height, and the lung-power of each child. For the latter record children blow into a gauge.



THE LITTLE RAILWAY FROM THE MARCONI STATION TO THE NEAREST VILLAGE.



THE OPERATOR WHO SENT THE FIRST WIRELESS MESSAGE TO CANADA.



Photos, Illustrations Bureau.

THE SOURCE OF THE POWER THAT SPEAKS TO CANADA: THE MARCONI STATION AT CLIFDEN, ON THE GALWAY COAST.

THE LATEST WONDER IN WIRELESS TELEGRAPHY: THE IRISH STATION THAT COMMUNICATES WITH CAPE BRETON IN NOVA SCOTIA.

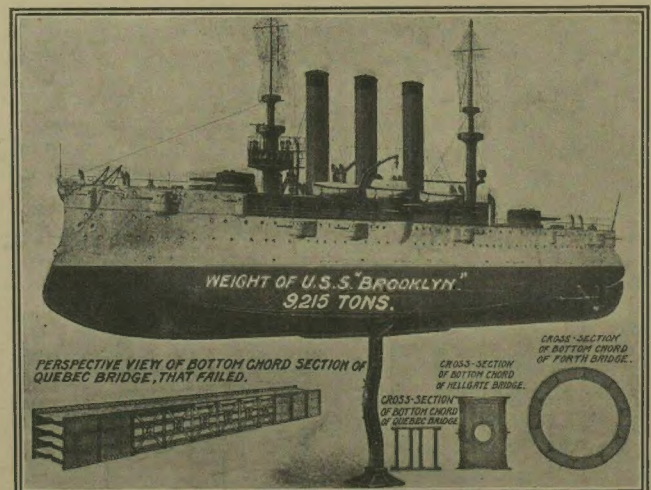
On October 18, Marconi wireless telegraphic service between Ireland and Canada was inaugurated by a message from the King to the Canadian Governor-General. The Marconi installation is the most powerful that has yet been set up, and is used to project into space the waves of ether that carry the message. The station is in charge of Mr. Entwistle.



Photo, World's Graphic Press.

POLITICS ON WHEELS: UNIONIST VANS TO CONTEST SOCIALISM.

The Unionist Party has just put on the London streets twenty travelling-platforms for political orators. The speakers are to be working-men, who will address their fellows on anti-Socialistic doctrines. The side of the van folds back to open the platform, which is arranged something like the tribune in a Continental Parliament House.

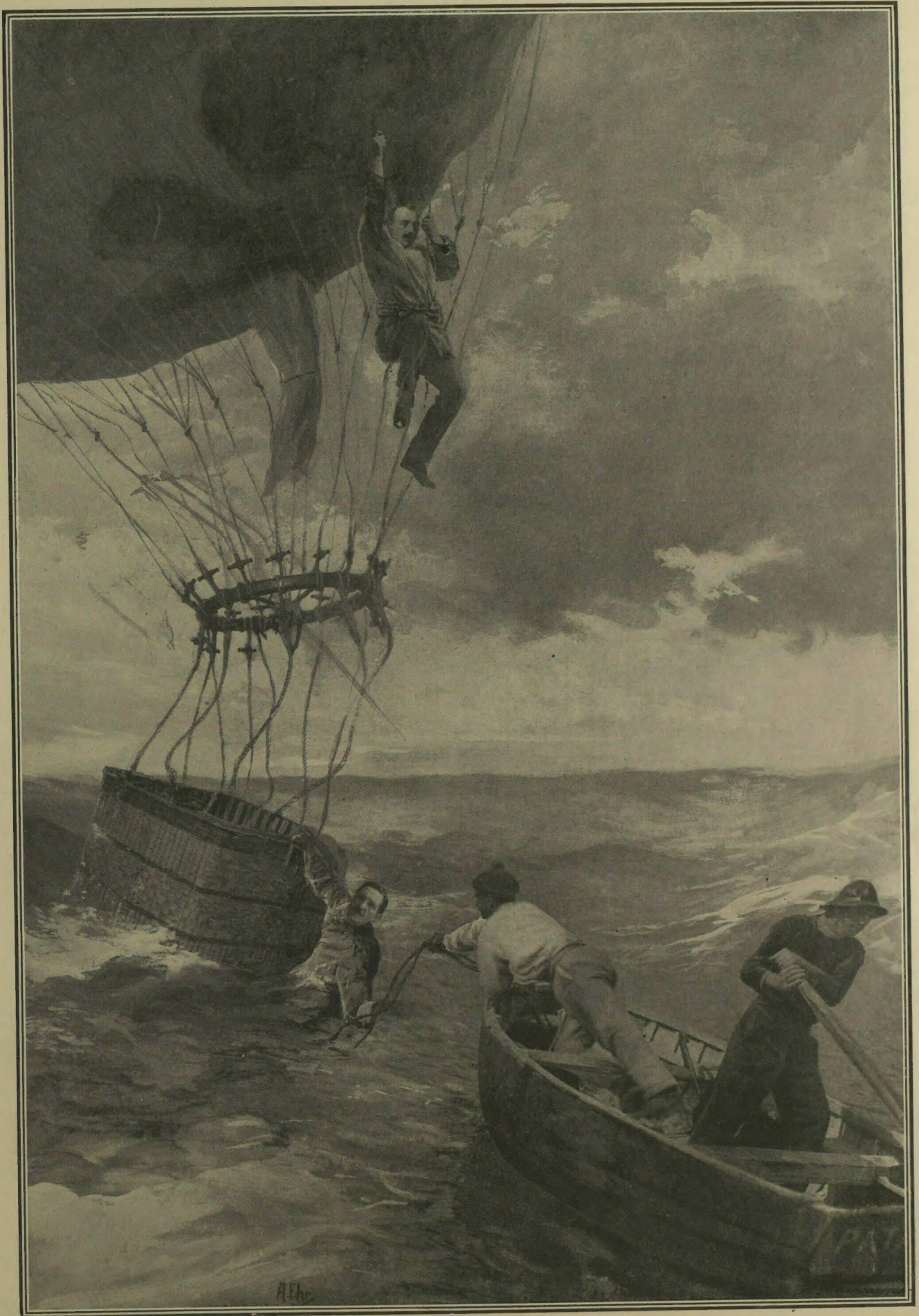


THE LOAD THE QUEBEC BRIDGE WAS SUPPOSED TO CARRY.

The vertical post, which is shown in the act of breaking down under the load of the cruiser "Brooklyn," is drawn to scale, and represents the lower chord-member of the Quebec Bridge, which failed by buckling through the rupture of the laticing. Theoretically the member should have carried 11,320 tons; actually it failed under 8000 tons.

BY COURTESY OF THE "SCIENTIFIC AMERICAN."

THE CHIEF DANGER OF BALLOONING: AN INGENIOUS PHOTOGRAPH.



BALLOONISTS RESCUED BY BOATMEN.

The chief danger that an aeronaut has to fear is that of coming down in the sea. Two officers of the British Balloon Corps were drowned not long ago in this way, and two of the competitors in the Paris long-distance race had a very narrow escape from the same fate. They were, however, picked up by a trawler when their car was already submerged and they were clinging to the rigging of the balloon. Not long ago two Spanish officers had a similar escape. The photograph does not pretend to be actual, but it is worthy of publication as an ingenious composition.

ART · MUSIC · and · the · DRAMA ·



Photo, Rita Martin.
CELIA IN "AS YOU LIKE IT," AT HIS MAJESTY'S.
MISS MURIEL ASHWYNNE.

ART NOTES.

WEARY of the overloaded market-cart horse, of the scavenger sparrow and the undesirable alien cat, the man of Whitechapel may turn in from his High Street to the latest exhibition prepared for him, and be put in better humour with animalkind. "For you," let it be said to him in Ruskin's words, "the moth and the bee will sun themselves; for you the fawn will leap; for you the snail

will be slow; for you the dove smooth her bosom, and the hawk spread her wings towards the south." Here, in Whitechapel, is the storm-spirit in eagles, here is the lordliness of lions. In this array of 'graved, carved, and painted animals are creatures crouching, ramping, crawling; the horses of the Parthenon in their immortal progression; the Assyrian lioness in her never-ending agony of death; the mediæval coxcomb horse that prances over St. George's expiring dragon. These and the sculptures of all ages are shown in admirable casts, or, if needs be, in photographs, and all in chronological order.

Considering the difficult shapes and sizes of so many of the exhibits, and that a small photograph sometimes represents a much more important phase in the history of the art of animals than a large case of porcelains, the arrangement is admirable. For ourselves, we found ourselves lingering before the beloved forms of a set of Noah's Ark; those animals were as wooden and as crudely painted as anything that childhood ever tolerated, and though the mature sculptures of Greece—that thought of by children neither as models nor as seers—ranged themselves but two yards away. The birds and fishes of mediæval art are, not improperly, within sight of the bronzes of Japan. The cock by Dürer has something in common with the feathered bravado of Eastern designs. He



Photo, Rita Martin.
ORLANDO IN "AS YOU LIKE IT," AT HIS MAJESTY'S.
MR. HENRY AINLEY.

crows it against the most realistic or most fantastic cocks of Hokusai. The heraldic swagger of the West matches the fantastic conceit of the East, nature in each case being modified with much the same results. But at Whitechapel there are also examples of the patient mimicry of the Japanese artist. The intricate armour of crabs, the maze of folds in a leopard's skin, the gorgeous effrontery of a peacock's plumage, are copied for their own sakes, and the larger meaning—as the storm spirit of the eagle and the lordliness of the lion—is forgotten.

Japanese art, which points such an evil finger of derision at mankind, does not often laugh at other forms of life. Flowers are a religion; animals the aristocracy of the coloured print. But the professors of the grotesque do not chuckle at all the imaginable deformations of man only, and there are some grotesque animals at Whitechapel. Japanese monkeys are almost as unseemly as



Photo, Rita Martin.
AUDREY IN "AS YOU LIKE IT," AT HIS MAJESTY'S.
MISS MARIANNE CALDWELL.

Japanese dwarfs, and there is a derisive touch in the drawing of the horse beridden by the fox, whose own legs are fleet, but lazier, than his victim's. But the laugh in Japanese art is not usually turned against the animal. The story of the tongue-cut sparrow, given in the Whitechapel Gallery catalogue, is typical of the Japanese attitude. The bird's is the last laugh. A woman cuts the tongue of her neighbour's tame sparrow, which flies away, afterwards to return and lead its sorrowing owner to its home. He returns with the present of a casket filled with treasures. This, as was calculated, is seen by the offending woman, and she, too, visits the home of sparrows, and asks for a like casket. She is given one, but on opening it every form of biting and stinging thing flies out at her, and she is scratched and bitten almost to extinction. Our own farmer's wife, of carving-knife fame, was not thus punished; and, apart from the Ancient Mariner's albatross, and an odd elephant or two, British literature has rarely given beast or bird so entirely the best of argument or action.

In the small lower Gallery we find, in the Rembrandt drawings, the entirely modern study of animal life. There is neither heraldic swagger nor Eastern contortion, neither Gothic curiousness nor Grecian swathing of sublimity. The lion's lordliness is in Rembrandt's lions, but it is the tattered lordliness of captivity. They know no posturing, but strength speaks out of their inactivity. E. M.



Photo, Dover Street Studios.
THE CRUCIAL POINT OF THE MOST-DISCUSSED PLAY IN LONDON,
"IRENE WYCHERLEY," AT THE KINGSWAY THEATRE.
Miss Lena Ashwell in the name-part; Mr. Norman McKinnel as Philip Wycherley, the husband.



MUSIC.

AS the musical season waxes, and all the afternoon and evening hours are set to melody, it is pleasant to recall individual performances that have made the passing week notable, that have lent a special measure of distinction to a concert or opera that without them had done nothing more than maintain the average high standard of excellence that London claims and finds to-day.

Among the performances one would desire to remember, Miss Johanne Stockmarr's playing in the Grieg Concerto at the first "In Memoriam" concert takes precedence. All too often our concert halls resound to the echoes of an interpretation that seems to express the composer's words and ignore his meaning, if we may speak of music in terms of letters. The finished ease of the performance may draw applause, but a still small voice tells us that the true inwardness of the music has escaped player and audience. When Miss Stockmarr played the Grieg Concerto she gave us not only of her best, but of the composer's best.

M. Emil Mlynarski, the Polish violinist and conductor, who directed



Photo, Mills.
ANOTHER CENSURED
DRAMATIST:
MR. GRANVILLE BARKER.

Whose play, "Waste," has been refused sanction by the official Licenser of Plays.

the London Symphony Orchestra at Mischa Elman's concert on Saturday last, came to the front in fashion unmistakable by his handling of Tchaikowsky's Fourth Symphony. He had not pleased us with his reading of the Egmont Overture, and it may be that some were a little afraid of the symphony, which demands expert handling before its full beauty is revealed. Happily, there was no cause for uneasiness: seldom has the subtle and ever-changing mood of the composer been expressed with greater force, restraint, and insight. The symphony, following M. Mlynarski's baton, was seen as the stupendous creation of a master mind; the relation of the parts to the whole was always apparent, the interest never flagged, the attention of the audience could not halt. Needless to say that Mischa Elman played delightfully.

A very large gathering was attracted to the Albert Hall on Sunday, when Kirkby Lunn sang and Jean Gerardy played. The great contralto was persuaded to give an encore, and sang one of Percy Pitt's songs a second time; but M. Gerardy was suffering from a blistered finger, and was not heard to advantage in Saint-Saëns' concerto.

At the Opera, where "La Gioconda" has been revived, a young Irish tenor, Mr. John McCormack, who has achieved distinction on the concert platform, sang the music of Turiddu in "Cavalleria Rusticana" last week. Mr. McCormack's gifts are lyrical rather than dramatic.



Photo, Rita Martin.
TOUCHSTONE IN "AS YOU LIKE IT," AT HIS MAJESTY'S.
MR. COURTICE POUNDS.

MR. TREE'S CONCEPTION OF A MUCH-DISCUSSED HERO IN FICTION.

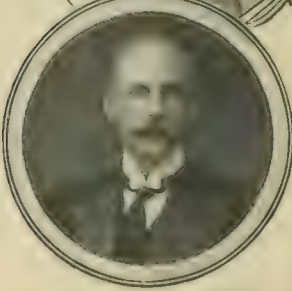
DRAWN BY S. BEGG AT A SPECIAL SITTING GRANTED BY MR. TREE TO "THE ILLUSTRATED LONDON NEWS."



MR. TREE AS PARAGOT, "THE BELOVED VAGABOND."

Last week at the Theatre Royal, Dublin, Mr. Beerbohm Tree produced the dramatic version of Mr. W. J. Locke's novel "The Beloved Vagabond." The actor-manager appeared with extraordinary success as Paragot, the Beloved Vagabond, his conception of which aroused the liveliest public interest, both in anticipation and in realisation. Mr. Tree afterwards appeared in Glasgow in his new part.

LITERATURE



MR. F. MARION CRAWFORD.

Whose new novel, "Aethusa," has just been published by Messrs. Macmillan. The scene of the story is laid in Constantinople.

making has biography attracted so many writers as it does at the present time, and it cannot be said that the results are very satisfactory. For the most part the biographers have very few qualifications for their task; many of them are mere hacks, compilers of hastily acquired material, which they arrange unskillfully and without any really sympathetic view of their subject. Worse than all, they lack the biographer's prime virtue, that of self-effacement. They cannot realise that the person of whom they write is most likely greater than themselves, that comment is almost always superfluous, and very often

Biography Never, perhaps, in the history of book.

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GEORGE SAND.

Reproduced from "George Sand and her Lovers," by permission of the publisher, Mr. Eveleigh Nash.

do, is to stultify her. Truth alone will suffice for her portrait, and that Mr. Gribble has given us with excellent humour and sympathy. If his method



"The Progress of Hugh Rendal" (Heinemann) is—a good novel, so much and no more. It has its purple patches though; and the man who could write the boat-race chapter need not be afraid of faint praise for his less successful passages. Mr. Lionel Portman conveys the sense of joyous, irresponsible emancipation, which is the keynote of the healthy undergraduate's exuberance. He brings out, too, the zest and the sting and the savour to him of the wind off the wide sea of the future. His 'Varsity men are capital examples of their respective types; and he has made a valiant effort to endow his heroine with something better than the milk-and-water qualities too often possessed by the



Photo, West.

AUTHOR OF THE TRAVEL-BOOK OF THE YEAR: LIEUT. BOYD ALEXANDER.

Lieutenant Boyd Alexander's "From the Niger to the Nile" will be published very soon by Mr. Edward Arnold.

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"UP DARTED A LIVING TENTACLE AND FIXED UPON HIM."

Reproduced from Mr. Charles G. D. Roberts' new book, "Haunters of the Silences," by permission of the publishers, Messrs. Duckworth and Co.

impertinent. If a person's life is worth writing, for his virtues or his vices, the best portrait will arise in the reader's mind by a skilful presentation of facts. The biographer need not be the apologist. He may have, of course, his point of view, but that can be indicated by deft handling, by the temper of the writing, and it should always be suggested rather than stated. When he has to deal with the great rebels against convention, he requires a double measure of this grace, and it is refreshing to find it at last in Mr. Francis Gribble's "George Sand and her Lovers" (Eveleigh Nash). Mr. Gribble could hardly have chosen a more difficult theme to present to an English audience, jealous for Mrs. Grundy. But he is too wise a man to let that good lady concern him at all, and consequently he comes through his ordeal honestly and cleanly with no hypocritical *arrière pensée*. His view of the woman who inspired Alfred de Musset and Chopin is perfectly clear and sane. He understands her in her passion and in her dejection, in her charm and in her commonplace. He shows her as something less than great, without the tediousness of saying so, but he leaves her wonderful. Prolific and too-hurried novelist, literary hack, Romanticist, Republican apostle, explorer of emotions undeterred by constant disillusion, George Sand remains one of the most fascinating puzzles of femininity. To explain her or to gloss over her unconventionalities, as Miss Bertha Thomas tried to



ANOTHER CHARMING MINIATURE OF A HEROINE IN FICTION.

Frontispiece by Frank Haviland to "The Scoundrel," reproduced by permission of the publisher, E. Grant Richards.

were more general in modern biography we should be saved from a great deal that is merely boring.

In Tom Brown's Footsteps. It is ticklish work to take the schoolboy hero on to the University, along the path trodden by Tom Brown. "Hugh Rendal" was a superlatively good school story;



"THEN WITH THE LARGEST PRIZE IN HIS JAWS HE SWAM SLOWLY TO THE ROCK."

Reproduced from Mr. Charles G. D. Roberts' new book, "Haunters of the Silences," by permission of the publishers, Messrs. Duckworth and Co.

marriageable girl in books of this description. Hugh's history runs from his first hour as a freshman of "Templar's" to his acceptance by the predestined young woman. He fulfils the promise of his boyhood, and his old friends will be glad to meet him again.

A Novelty in Fiction. To discover a live witch, with a he-goat familiar, and a tower whereon she weaves the midnight spell, in an up-to-date environment, is to hear the note of welcome novelty. "The Shadow of the Unseen" (Chapman and Hall) is as attractive as its cover, which is saying a good deal, seeing that the same cover has a weird head and other alluring signs upon it. It is not possible to escape the wish to know how much is Mr. Barry Pain and how much Mr. James Blyth, who are jointly responsible on the title-page. It is, we think, reasonable to attribute to the former Mr. Willoughby Trotter, the senior tutor, who tried to temper the precisian with the sportsman on his country holiday. "The admixture worked out in a Norfolk jacket of a pepper-and-salt material, tastefully combined with black kid gloves. . . . There were knickerbockers in one of his portmanteaux. There were also gaiters. Gaiters cover a multitude of shins, as Mrs. Devigny sometimes remarked." The quotation will show that light relief is not missing in a tale which contains as many thrills as are good for a nervous age.



GEORGE SAND IN LATER LIFE.

Reproduced from "George Sand and her Lovers," by permission of the publisher, Mr. Eveleigh Nash.

SOUVENIRS OF CAMPAIGNS OLD AND NEW.



A GATEWAY OF GUNS: THE INGENIOUS DECORATION OF THE MEMORIAL.—[Photo. Louis Fraser.]

PLEVNA TROPHIES FOR SKOBELEFF'S MEMORIAL ON THE FIELD OF PLEVNA.

On September 12, the thirtieth anniversary of the great battle of Plevna, Prince Ferdinand of Bulgaria unveiled a memorial erected on a mound in the field to the memory of the great Russian general, Skobelev. The mound is decorated with guns, and the gateway is made of shells, muskets, cannon, and bayonets. In the foreground of the larger photograph are shells, skulls, and bones which were dug up when the mound was being prepared.



THE EXTRAORDINARY EFFECT OF A SHELL AT CASA BLANCA: A DOUBLE BREACH IN THE FRENCH DOCTORS' LODGINGS. The shell hit the house where the doctors of the French field hospital have their lodgings. Through the further hole where the shell entered can be seen the great tents of the field hospital.

SCIENCE

NATURAL HISTORY



JAMES MITCHELL

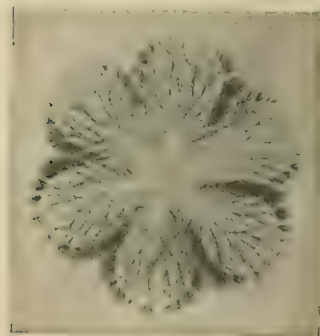
SCIENCE JOTTINGS.

PERSISTENT LIFE.

A VERY large amount of attraction for the naturalist lies in the topic of the persistence of life under conditions and circumstances calculated according to ordinary computation to end vitality and to extinguish all the activities of the organism.

Life, in fact, is capable now and then of showing a marvellous power of resisting stress and strain, such as we are apt to regard as essentially destructive to its fires. It is not necessary here to dwell upon the case which will most readily occur to readers as apparently illustrative of the foregoing remarks; I refer to the recurring reports of live frogs and toads being found in solid rocks. According to the popular narratives these amphibians have been enclosed for geological eons in the strata in which they are alleged to have been found entombed. We have thus the paradox that some of these living animals must be much older than the oldest known fossil representatives of the class—*quod est absurdum*.

The fact is that frogs and toads in the young state creep through crevices into rock recesses. They can subsist on very little food, and are highly tenacious of life. The apparently solid rock is split up by the quarryman, and the live amphibian is accordingly believed to have lived in the rock-substance for untold ages.

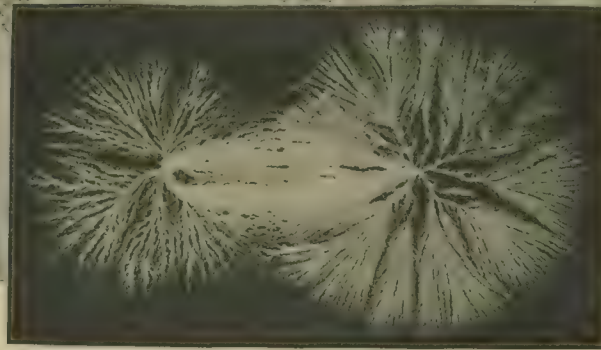


A SIX-FOIL FIGURE OBTAINED BY ELECTRICAL DISCHARGE.

For this belief there is no warrant whatever. Dean Buckland long ago showed that frogs and toads placed three feet deep in his garden, enclosed in cavities cut out in blocks of stone, and sealed up, were mostly dead at the end of the first year of their entombment, and the survivors were found dead and decayed at the end of the second year. It cannot be doubted that, if these animals really possessed the miraculous powers of resisting conditions so rigorous as are implied in the case of the toad in the rock, they would certainly have been found alive and flourishing by Dean Buckland when he disinterred them from a relatively comfortable burial in his garden. Leaving the case of the frogs as unworthy of further criticism, we may none the less find in other ranks of the animal world illustrations of a pertinacious holding on to life under conditions that would seem to render the continuance of vitality impossible.

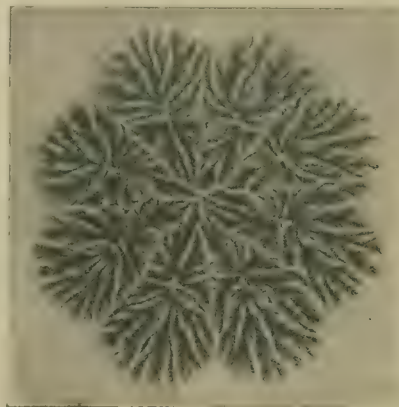


A VERY ELABORATE EIGHT-FOIL DISCHARGE.



SYMMETRICAL FIGURE OBTAINED BY AN ELECTRICAL DISCHARGE FROM TWO POINTS.

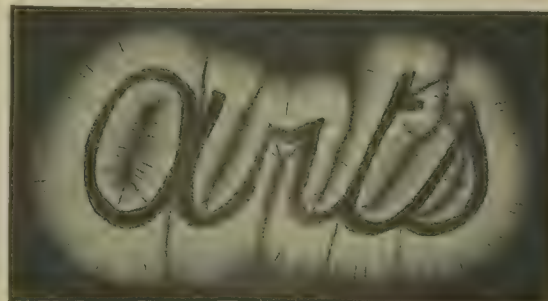
Long ago, for example, the late Sir Richard Owen and Dr. W. B. Carpenter repeated experiments on the common "wheel-animalcules," or rotifers, that are found in fresh water and in other situations, a favourite



AN EIGHT-FOIL FIGURE OBTAINED BY ELECTRICAL DISCHARGE.

THE SPARK THAT SPEAKS ACROSS THE ATLANTIC: VARIATIONS OF THE ELECTRIC DISCHARGE.

The sparks photographed on this page are not actually taken from the Marconi coil, but they are interesting variations on a smaller scale of the same phenomenon.



A WORD WRITTEN IN ELECTRIC SPARKS.

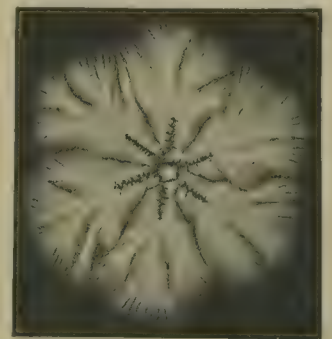
hunting-ground being the debris of the rain-water gutters on house-roofs. The older naturalists were aware that these animalcules could be desiccated until their bodies became mere specks of dried dust, so to speak. In this mummified condition they could be kept for months, or even years; yet upon the addition of water they were revived, and at once resumed the movements characteristic of their kind. No doubt exists regarding the revivification of the wheel-animalcules, and the incident is all the more notable for the reason that the rotifers are by no means of low organisation. They are of much higher grade than the ordinary infusorian animalcules of the pools. They possess internal organs, even to a rudimentary nervous system, whereas their lower neighbours are mostly specks of undifferentiated protoplasm, and nothing more. It is somewhat difficult to conceive the exact state represented by the body of the desiccated wheel-animalcules. Life exists, of course, otherwise revival would be impossible. There is no such thing as revitalisation; hence we are forced to formulate some idea of a state in which there is a complete suspension of all the functions of the body, a dormant state with the vital spark still maintaining its existence, and waiting only the appropriate medium to cause it to blaze forth into a flame.

The case of the long-continued vitality of seeds is not quite so wonderful an illustration of persistent vitality as is that of the wheel-animalcules, for in the seed we do not meet with the more or less elaborate structure of the animal, and the conditions under which

the life of the seed is even ordinarily maintained—within thick coverings, for example—lend themselves to the preservation of its life for long periods, a feature which is a part-and-parcel of the plant's constitution. It is really the animal world which excites our close attention in this matter of prolonged existence under an untoward environment. There is another point which should be taken into account in connection with instances of prolonged animal vitality, and that is the habit of hibernation. The winter sleep of many animals, when all their bodily processes are slowed down, seems to pave the way as a kind of half-way stage for the consideration of the evolution of the habit of persistently holding on to life under more vigorous states.

In the "Philosophical Transactions" of many years ago there will be found an account of wondrous vitality on the part of certain snails. Mr. Stuckey

Simon, a Dublin merchant, was routing out a collection of fossils and shells which had been bequeathed to his father. Fifteen years after his father's death, his parent having had the collection for many years, he gave his child some of the snail-shells



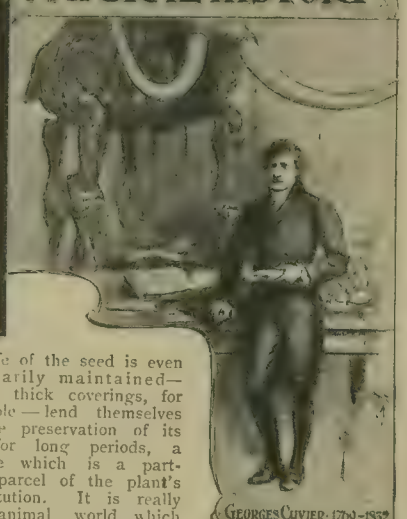
A FINER RAMIFICATION OF THE SIX-FOIL ELECTRICAL DISCHARGE.

to play with. The boy placed them in a pot of water. Next day, to Mr. Simon's astonishment, live snails had issued forth from the shells. The child, who was too young to admit of any doubt being entertained on the point, said the shells were those given to him by his father on the previous day. He had a few more, indeed of the shells, and these he brought. When put into water one of them showed its head and body after an hour and a half's immersion. Other observers saw other specimens crawl out, the first that emerged having died probably through being left in the water. Here there is a record of life having been preserved for very many years in a torpid state. One might presume that desiccation represented in the case of some animals a preservative condition, the application of water acting as the stimulus to a renewal of vitality. This is not surprising if we reflect on the part water plays in all vital action.

ANDREW WILSON.



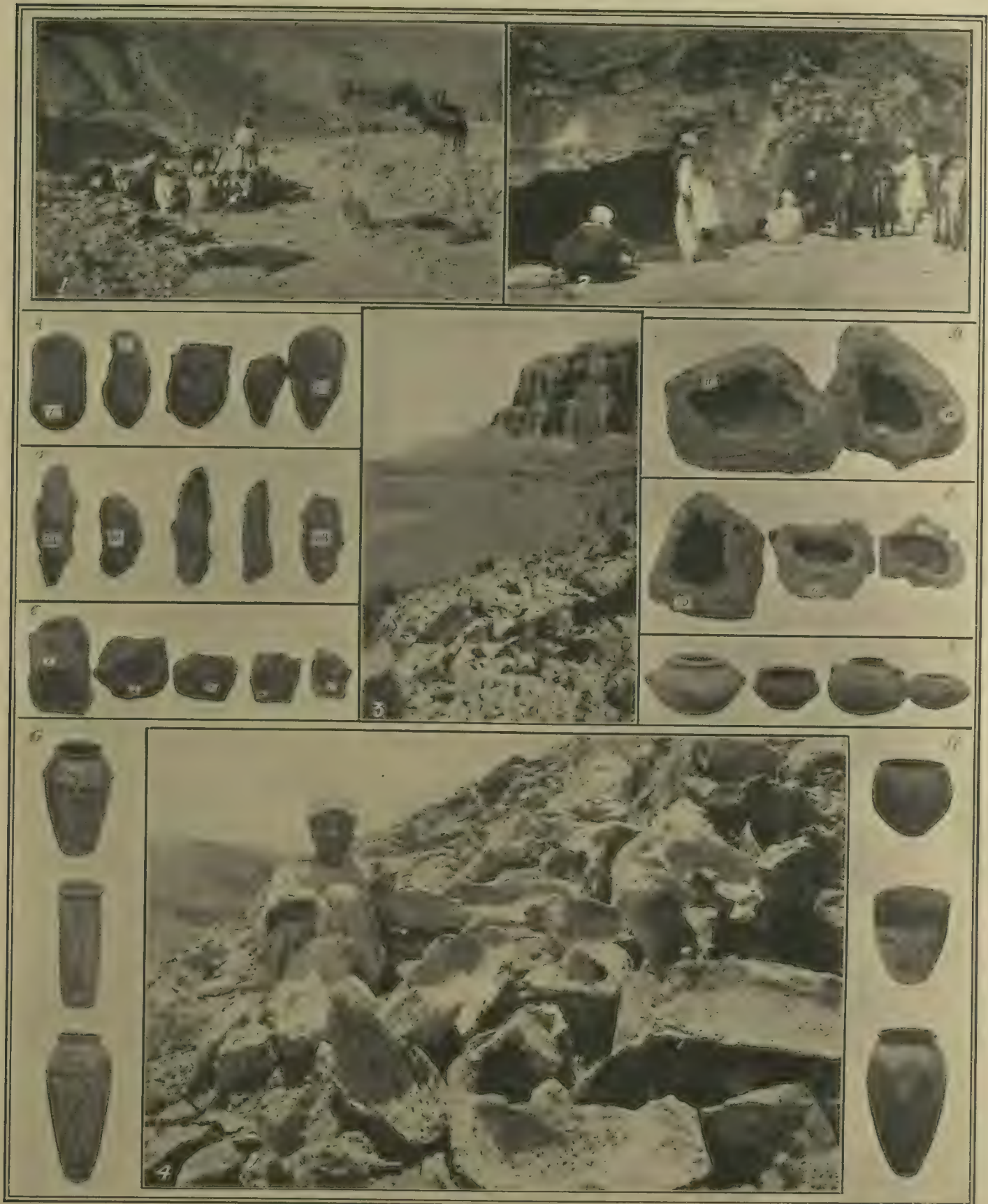
A VARIANT OF THE HEXAGON OBTAINED BY ELECTRICAL DISCHARGE.



GEORGES CUVIER (1769-1852)

DID MAN GET THE IDEA OF POTTERY FROM NATURE?

A REMARKABLE THEORY BY MR. R. DE RUSTAFJELL.



1. SORTING FLINT IMPLEMENTS AT THE HEAD OF ONE OF THE WADIES AT NAGADA.
2. A PREHISTORIC FACTORY OF LIMESTONE VESSELS: HILL AND CAVERN BETWEEN THEBES AND NAGADA.

3. THE FIRST LIMESTONE VESSEL DISCOVERED ON THE SITE OF THE PALEOLITHIC FLINT FACTORY (THE VESSEL IS RIGHT ON TOP OF THE ROCK).

4. A CLUSTER OF LIMESTONE VESSELS ON THE SITE OF THE PALEOLITHIC FACTORY.

5. THE NATURAL FLINT NODULE FROM WHICH PALEOLITHIC IMPLEMENTS WERE PROBABLY EVOLVED.

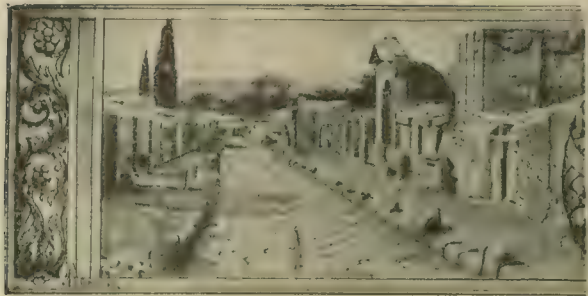
6. NATURAL HOLLOW FLINT NODULE USED BY TROGLODYTE MAN IN HIS EARLY ATTEMPTS TO MANUFACTURE IMPLEMENTS. THESE MAY HAVE AFTERWARDS BEEN COPIED IN LIMESTONE.

7. DEVELOPMENTS OF THE LIMESTONE VESSEL.

8. DEEPER LIMESTONE VESSELS FROM THE PALEOLITHIC FACTORY.

9, 10, and 11. NEOLITHIC VESSELS: THE LATEST EVOLUTION OF THE LIMESTONE VESSEL JUST BEFORE THE ADVENT OF FIRST DYNASTY POTTERY. THE FIRST AND SECOND VESSELS IN 9 ARE IN MARBLE AND LIMESTONE RESPECTIVELY. THE OTHERS IN 9, 10, AND 11, ARE OF POTTERY.

Mr. Robert de Rustafjell, the archaeologist who was the defendant in the interesting case regarding the vessel supposed to contain fragments of the true Cross, has formed a theory of the origin of pottery. He believes that primitive man took the idea of earthenware vessels from flint nodules, which he afterwards imitated in limestone. Between Thebes and Nagada, in Upper Egypt, Mr. Rustafjell discovered what he believes to be a Paleolithic factory of limestone vessels. The development of these up to true pottery of the First Dynasty, and their relation to natural hollow flint nodules, is traced on this page.—[PHOTOGRAPHS BY R. DE RUSTAFJELL.]



AT THE SIGN OF ST. PAUL'S: ANDREW LANG ON A SUPPOSED DIVINE REVELATION.

[The small drawings on this page do not illustrate "At the Sign of St. Paul's," but are reproduced from a new edition of Sterne's "Sentimental Journey."]

THE great old preachers of the Kirk of Scotland used to be credited with prophetic and healing powers, not to mention divine and diabolical interviews. The belief in their miraculous gifts much strengthened their political position, and enabled them freely to "rattle" the King; his advisers; the Judges, and the laity in general.

Thus the Rev. Robert Bruce, M.A., whose Life, by the Rev. S. C. Macnicol, has just appeared, ruled the roast for long, and needed a great deal of putting down. His definite conversion occurred on the night of Aug. 31, 1581, as he lay side by side with some brother of the ministry. His account, wholly uncorroborated by his bedfellow, "is too precious to be curtailed," says Mr. Macnicol, but I have not room for

more than this gem: "It pleased God to make the devil accuse me so audibly that I heard his voice as *truly* as ever I heard anything, not being sleeping but waking." Of course we need the evidence of the other man in the same bed as to the remarks of the Accuser; but, though Mr. Bruce kept asking his companion for his prayers, we have no testimony from that worthy preacher.

Though his Kirk practised ordination by the laying on of hands, Mr. Bruce, for some reason of his own, refused to undergo this rite during many years. So much was he revered that he was allowed to have his own way, and to administer the Holy Communion, though himself unordained. In fact, he went as he pleased, till James VI. got the upper hand of his preachers, and bullied Mr. Bruce in a most mean and ungentlemanly, but not quite unnatural, manner.

"Then," as our teachers tell us in their novels, "a strange thing happened"—at least so Mr. Macnicol believes; though, for reasons to be given, "I ha'e ma doots."

On Aug. 5, 1600, the Earl of Gowrie, a noble very dear to

the Kirk, and his brother, the Master of Gowrie, were killed by some courtiers while the King was in their house. People still debate as to whether the King laid a plot for their murders, or whether a plot of theirs to kidnap the King went "agee" and led to their destruction. I cannot doubt that the second view is correct; but, as Mr. Bruce long refused to believe the King's version of the facts, he got into endless trouble.

Now for the miracle! Mr. Macnicol says, "It will not surprise those who have been able to enter into the secret of Bruce's life to learn that, upon the very night preceding the morning of the tragedy of Gowrie's death, the minister, as he dwelt in his manse at Edinburgh, had one of those premonitions which appear to have been granted to him at the great crises of his career. It seems clear that God . . . his ser- night, while he gaged in tions, ing him special the or- which im-

Now if the holy at the time that by a divine the Gowrie not think that have been con- foreknowledge" been imputed for that would a normal explanation of his prescience. But it does not appear that he ever spoke of his miraculous experience,

Wodrow writes—"Mr. Bruce seems to have been prepared in Providence" for his troubles about the Gowrie business, and adds that he possesses Bruce's Meditation on the night proceeding the fatal Aug. 5. Wodrow promised to publish the "Meditation" in an appendix

to his biography of Bruce, which he never published at all; and in the edition of 1843 the "Meditations" are not given. However, as I knew that they exist in manuscript, I had them hunted up, to see what inkling Mr.

Bruce had of the tragedy of Aug. 5 before it occurred. If the "Meditations" showed that he knew a good deal about the business before it happened, I might have explained the fact by some other cause than a divine intimation. Secrets leak out in many ways not divine

But in the "Meditations" I could find nothing mundane, nothing about a danger to Gowrie, or the King, or the preacher himself. The Meditations, as far as I remember, were a pious rhapsody, with never a hint of a premonition, or any other psychological phenomenon.

This was rather disappointing, but went to prove that Mr. Bruce never dreamed of the tragedy till he got the news of it about ten a.m. on Aug. 6. Indeed, I much doubt whether Wodrow meant more than that Mr. Bruce had certainly been piously engaged "in his great duty of meditation and prayer" on the eve of the disaster, and was thus "prepared" for his consequent tribulation. Thus his modern biographer is rather hasty in announcing that Mr. Bruce was favoured by a miracle on the occasion.

A well-known miracle told, I think, of St. Francis, but certainly of some saint, was transferred to Mr. Bruce. While a companion was soaked through and through in a shower, Mr. Bruce was scarcely damped, had only a little dew upon the surface of his clothes—was, in fact, "not very wet." Like those of other saints, his body was found to be "almost fresh and uncorrupted" eighty years after his death. In the matter of belief in saintly miracles, the old Presbyterians came near the Popish standard, without being aware of their peril.



THE CONQUEST.



THE ROSE, PARIS.



THE CAPTIVE, PARIS.



THE FRAGMENT AND THE BOUQUET, PARIS.



THE FILLE DE CHAMBRE, PARIS.



THE TEMPTATION, PARIS.



THE FOOTMAN TO A YOUNG SEMPSTRESS.



THE DEAD ASS, NAMPONT.



THE PULSE.



MARIA.

VIGNETTES FROM A BEAUTIFUL EDITION OF "A SENTIMENTAL JOURNEY."

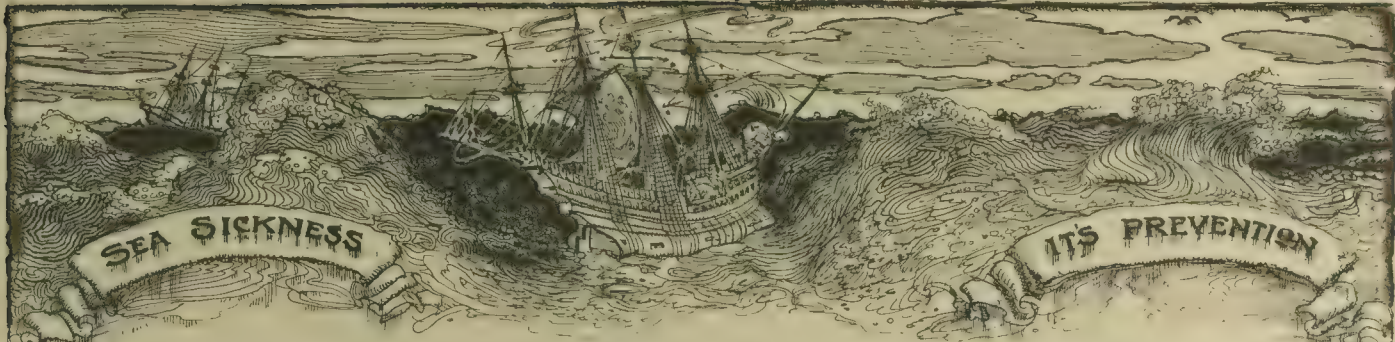
Reproductions from the designs of T. H. Robinson, by kind permission of the publishers, Messrs. Chatto and Windus.



IN THE STREET, CALAIS.



THE DESOBLIGANT, CALAIS.



BY AN OLD SAILOR.

OF all the maladies to which human flesh is liable, there is surely none more distressing or more enervating in its effect than that which our neighbours describe as *mal-de-mer*. Yet, oddly enough, there is none also which appears to excite less sympathy, as a rule, or is more often used as a vehicle for banter and raillery. Why it should be so is by no means clear, for those who are immune bear but a small proportion to the numbers liable to the tortures of this most levelling ailment. It is almost as unnecessary to point to the antiquity as to explain the discomforts of the complaint, but in all probability not only the human passengers, but the animals also, suffered in its throes when they took their voyage in the Ark. Certainly, in the old mystery plays that dealt with this subject, the disturbing effects of a life on the rolling wave formed the matter of many a quip and jest among the members of the seafaring guilds who undertook the presentation of this part of the quasi-religious drama. In the oldest sea-song in our language apt reference is made to the matter, one line especially, "Allas! myne hede wolle cleve on thre!" indicating that the sensations experienced by the sea-sick have not altered in all these centuries, for head-splitting and giddiness are as common symptoms of actual nausea now as then. Moreover, from the same song, which deals with the passage of the Pilgrims to the shrine of St. James at Compostella, we gather that the owners of the vessels reckoned upon the sufferings of their passengers saving them in the matter of provisions, and the master cries—

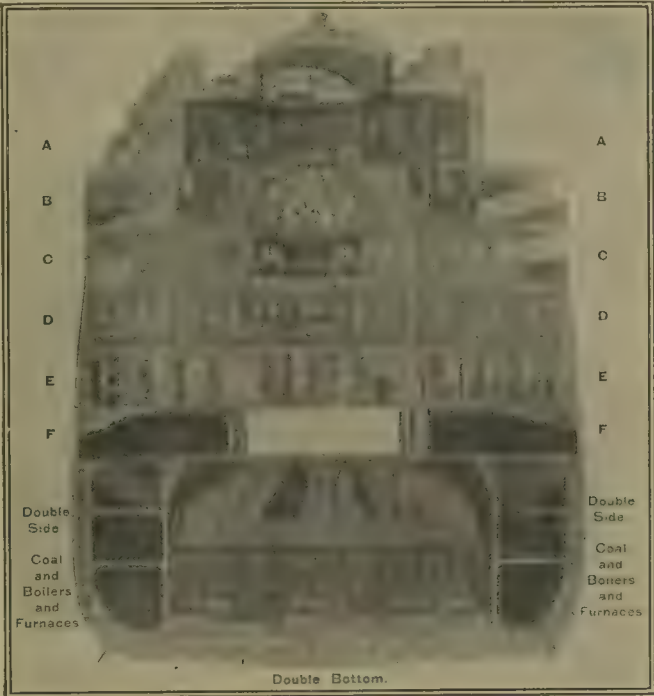
Hale the bowline! now, vere the shete!
Cooke, make redy anon hour mete,
Our pylgrims have no lust to ete,
I pray God gyve hem rest.

Quite as significant as the many indications of the universal obligation of mankind to this call of the sea which are to be found in the works of the old writers, and particularly the poets, who, from their moans, appear to have been specially prone to become its victims, are the attempts which have been made to find a remedy. The subject has a literature of its own, in which theoretical disquisitions upon the cause, with antidotes, and specifics for its alleviation, rival one another in their multiplicity. Quite naturally, too, in a more scientific age, inventors with characteristic ingenuity and broadness of mind have entered the field, and, as our illustrations demonstrate, have tried to strike at the root of the evil. "If Britannia rules the waves, I wish she would rule them straight!" exclaims one unhappy sufferer, and so far as individual ships are concerned this is precisely the direction to which those whose appliances are pictured in these pages have concentrated their efforts. But is it so certain that if ships can be prevented from rolling or

pitching, the passage across the Channel or the Atlantic will be made less annoying and painful to what old Braithwaite calls a queasy stomach? It is entirely a mistake to assume that only landmen are affected by the movement of the sea, or that indeed the trouble is one that needs the uneasy motion of a ship for its occasion. We have it on Fielding's authority that all human flesh is not the same flesh, but that there is one kind of flesh of landmen and another of seamen; and it may be,

pitching in a most unusual manner in a cross-sea in the Atlantic. But there is the still more curious example of the naval camel-corps in the Nile Expedition, when the sailors, unseasoned to the disturbing movements of their ungainly steeds, experienced all the physical sufferings of the sea-sick. It was reported that the only way in which they could obtain relief was by binding a cummerbund tightly round the lower portion of the body, which, if true, contains a suggestion that may be valuable.

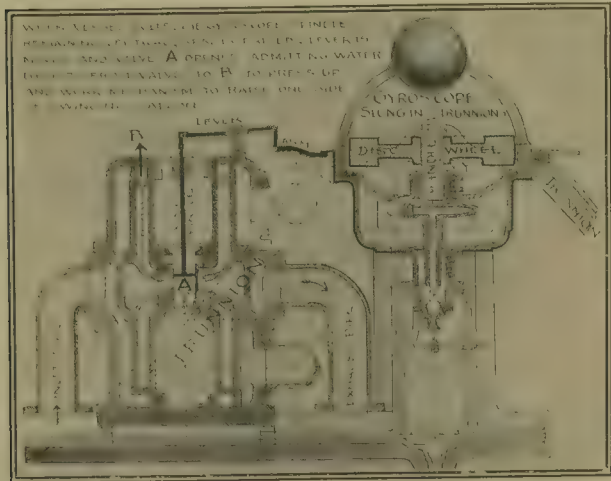
The remedial measures which have been suggested for the alleviation or prevention of sea-sickness are of many kinds, but practically they all fall under one or the other of four heads. First, there are the attempts made in the construction and design of vessels to keep them steady; secondly, the adaptation to the vessel of some apartment or contrivance, large or small, which will remain unaffected by her movements; thirdly, there are local appliances; and, lastly, patent medicines innumerable. In the first category, there are Captain Dicey's twin-hull Channel steamer, and the still better-known *Calais-Douvres*, designed by Mr. Andrew Leslie. In each case the vessel consisted of two parallel hulls, tied together by iron girders, with the paddles for propulsion between the hulls. Although to a certain extent the vessel built with this form was assuredly steadied, the success of the experiment was not such as to warrant any further development along this line. The Bessemer steam-boat was the earliest attempt on a large scale to supply a vessel with an apartment which should remain steady and preserve its vertical position, whatever the motion of the ship. Of the same character is the very ingenious invention of Mr. Beauchamp Towers, originally intended to secure a steady gun-platform. The Ross-Winans cigar-shaped vessel, and the *Connector*, a jointed steam-ship, are said to have given a certain measure of satisfaction to their designers, but it is by the use of the gyroscope that something more nearly approaching success has been achieved. The experiments made by Dr. Otto Schlick in a German torpedo-boat, which were described by Sir William White to the Institution of Naval Architects, appear, indeed, to have successfully obviated rolling. The principle of the gyroscope has been applied most usefully to the *matériel* of war, and in the interests of peaceful travellers it is at least worthy of further trial. But, in the meantime, movable bedsteads, of which the hammock is the most ancient type, cots slung on gimbals, chairs hung from a ball-and-socket joint, and such appliances as the electric helmet invented by Dr. Kappmeier, will, in all but the worst cases, supply temporary alleviation.



DECK A.—PROMENADES, LOUNGE, AND MUSIC-ROOM. DECK D.—GRAND DINING-SALOON.
" B.—PROMENADES, REAR SUITES, AND DOME OF SALOON. " E.—STAFF ROOMS.
" C.—PROMENADES AND GRAND DINING-SALOON. " F.—BUNKERS AND ENGINES.

THE STEADIEST VESSEL IN THE WORLD: TRANSVERSE SECTION OF THE "LUSITANIA" BETWEEN THE THIRD AND FOURTH FUNNELS.
Design lent by the Courtesy of the Cunard Company.

therefore, that the latter feel the effects of being on an uneasy platform in a less or a different degree from those more unaccustomed to the motion of the ocean. Yet we are told that Nelson was himself a victim to sea-sickness in bad weather, and I have known the greater part of a battle-ship's company to be made very uncomfortable, to say the least of it, when the vessel took to



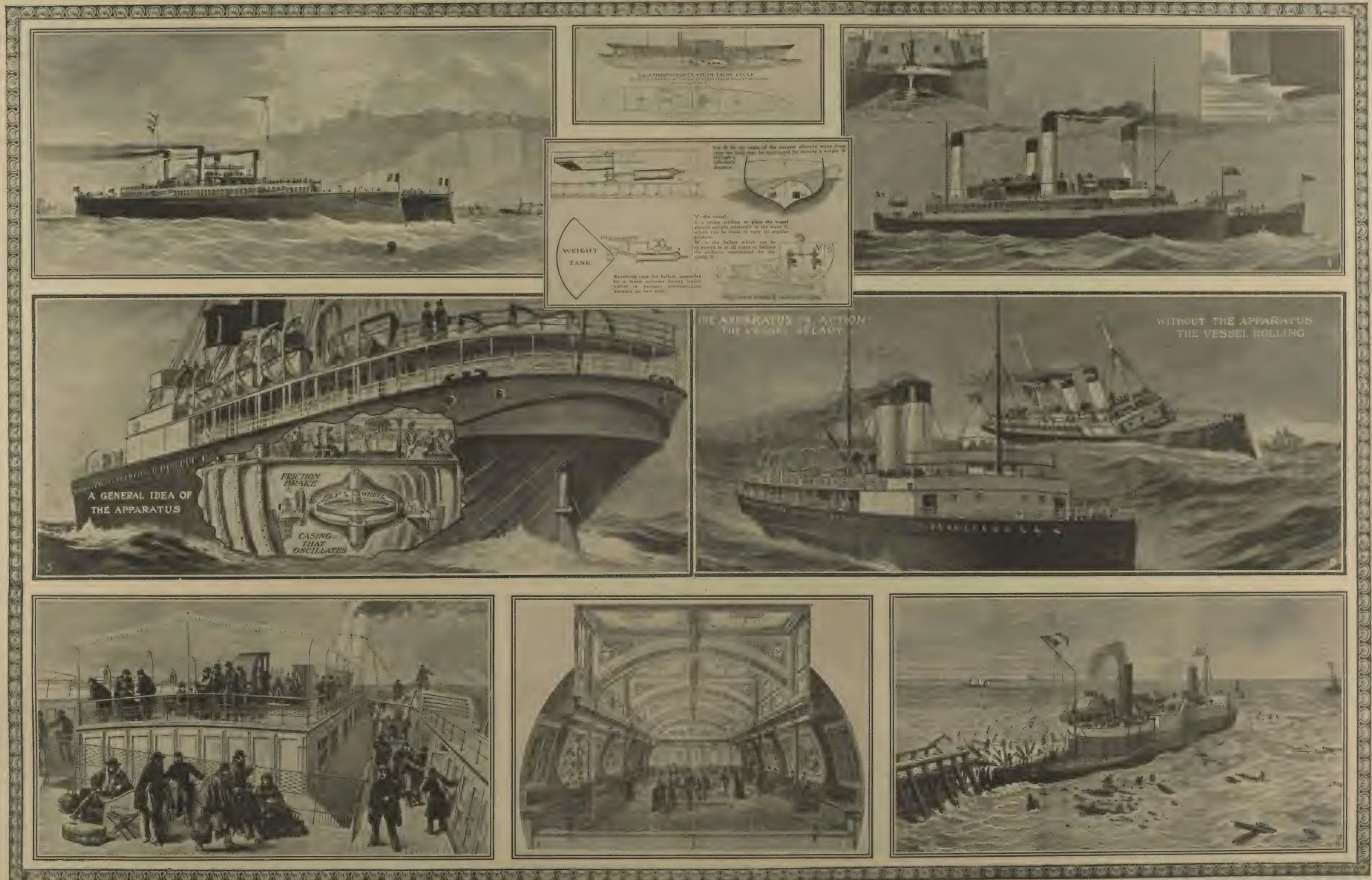
AN EARLY USE OF THE GYROSCOPE: THE COMPENSATION ADJUSTMENT FOR THE SALOON OF THE BESSEMER STEAMER.



THE FIRST GREAT ATTEMPT TO STEADY AN OCEAN STEAMER: THE "GREAT EASTERN."
The length of the "Great Eastern" was 680 feet; the length of the "Lusitania" is 790 feet.

CAN SEA-SICKNESS BE PREVENTED? THE HISTORY OF ATTEMPTS TO PREVENT ROLLING IN STEAM-BOATS.

(SEE ARTICLE BY "AN OLD SAILOR" ON ANOTHER PAGE.)



1. THE DICEY TWIN-HULLED CHANNEL STEAMER, 1875.

The vessel projected by Captain Dicey consisted of two parallel hulls connected by girders. The two hulls were thirty-five feet apart and the paddles worked between them. The principle was suggested by the boats used in the Indian Ocean at Point de Galle, where the hull is steadied by a heavy log of timber supported on outriggers.

3. SPINNING A TOP TO STEADY VESSELS: DR. OTTO SCHLICK'S GYROSCOPE.

The hull is opened in the drawing to show the position of the gyroscope. This instrument, well known as a scientific toy, is a top spinning within a ring. Its peculiarity is that it will balance itself in any position. Made of great size, and driven by steam or electricity, it has been found most satisfactory for steadying vessels.

7. A MOTIONLESS SALOON: THE BESSEMER CONTRIVANCE FOR AVOIDING MOTION.

ON BOARD SHIP, 1875.
In a great well in the centre of the boat, Henry Bessemer hung the saloon. It rested on two pivots, fore and aft, and the swing was broadside. In consequence it was the vessel that swung, the saloon remaining vertical.

2 AND 5. SIR J. THORNYCROFT'S DEVICE FOR STEADYING HIS STEAM-YACHT "CECILE."

An oscillating ballast-tank, regulated by a hydraulic piston, varies its position according to the swing of the vessel with the wave to which it keeps the ship relatively upright. Sir John Thornycroft has stated that he was successful in reducing the rolling by about one half, and if his experiment had been made with a ship of less metacentric height, even better results would have been obtained.

6. THE EFFECT OF WAVES ON VESSELS WITH AND WITHOUT THE GYROSCOPE.

The ring of the gyroscope is hung on a horizontal axis at right angles to the line of the vessel's direction. The "top" spins on a vertical axis. The movement on the horizontal axis is controlled by a friction brake.

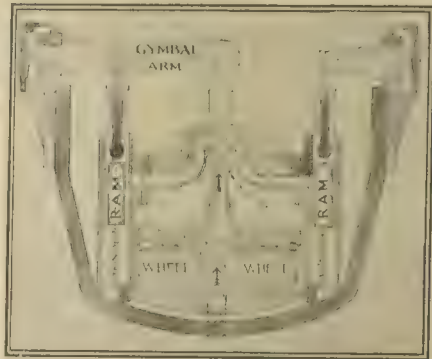
4. THE "CALAIS-DOUVRES" TWIN-HULLED CHANNEL STEAMER OF THE L.C. AND D.R., 1876.

Designed by Andrew Leslie. Each hull had the form of a perfect ship. The paddles were between the hulls amidships. The hulls were connected, as in the Dicey steamer, by iron girders. (A) Position of paddles. (B) The rudders of the "Calais-Douvres," easily controlled by one steersman.

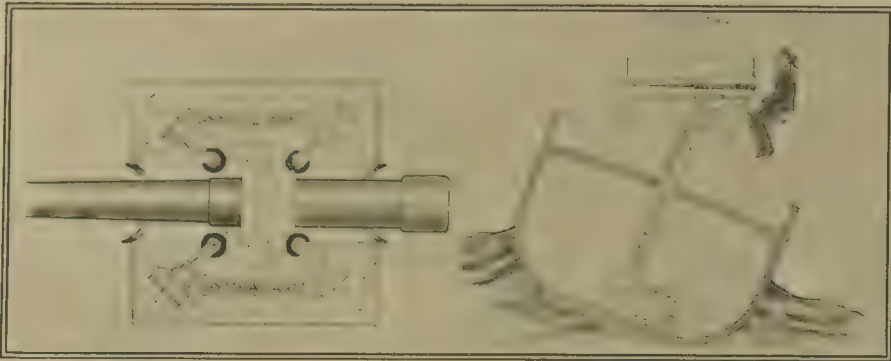
9. BAD LUCK FOR THE "BESSEMER" STEAM-BOAT: COLLISION WITH CALAIS PIER, MAY 8, 1875.
The "Bessemer" made her first run on May 8, 1875, with 200 passengers. The sea was smooth, and the hydraulic apparatus for keeping the saloon upright was not used, the saloon remaining fixed. The vessel crossed to Calais in an hour and a half, and on coming into the harbour collided with the pier, splintering many yards of rotten timber. She was not herself much the worse.

PREVENTING SEA-SICKNESS BY MACHINERY: FURTHER DEVICES.

(SEE ARTICLE ON ANOTHER PAGE.)



SECTION OF MR. BEAUCHAMP TOWERS' APPARATUS.



A STEADY GUN-PLATFORM IN A ROUGH SEA—THE BEAUCHAMP TOWERS DEVICE: (A) GROUND-PLAN OF GUN AND PLATFORM. (B) THE GUN STEADY IN A SEA-WAY.

A STEADY DECK IN A SEA-WAY: THE BEAUCHAMP TOWERS APPARATUS.

The gun and the man's seat are fixed to a platform set on a pillar rising from the vessel's deck. It hangs freely on gimbal arms, which are jointed to the pistons of four hydraulic ram cylinders, fixed to the ship. The height of the water in the ram cylinders varies with the roll of the ship, and the right compensation to keep the platform level is obtained by a jet of water thrown by a rapidly revolving wheel always parallel to the platform. The jet passes through the axis of the wheel and communicates with the rams by four passages, which receive the jet alternately as the ship rolls. The rams thus maintain the platform constantly horizontal. The inventor is not without hopes that his contrivance may be useful in averting sea-sickness.



THE CIGAR-SHAPED STEAM-YACHT "ROSS-WINANS," 1866.

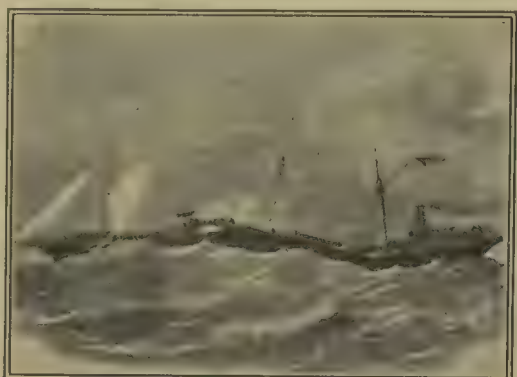
The vessel was built at Millwall for the Imperial Yacht Club of St. Petersburg. The screw-shaft was on the axis of the cigar, and the vessel carried a propeller at each end. She was launched all complete in February 1866, on a specially constructed cradle.



THE ANTI-SEA-SICKNESS DECK-CHAIR.

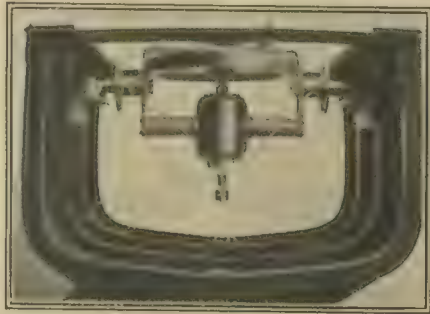
A small electric motor below the chair gives the seat short up-and-down movements. The chair was invented by Dr. Karl Brendel, and it was tested with very considerable success last year.

Photograph by courtesy of the "Scientific American."

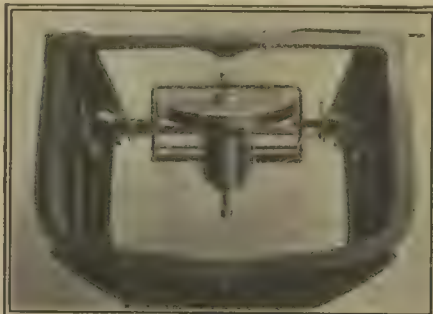


THE "CONNECTOR," A JOINTED IRON STEAM-SHIP, 1863.

The "Connector" was tried in the Thames in July 1863. She proved herself thoroughly seaworthy in heavy weather. All the sections are perfect ships, and it was intended that these should be detached with cargo just as a train sets down trucks.



THE GYROSCOPE HANGING VERTICAL.



THE GYROSCOPE CANTED AFT.



THE GYROSCOPE CANTED FORWARD.

THE TOP THAT SPINS TO KEEP A SHIP STEADY: DR. OTTO SCHLICK'S GYROSCOPE FITTED TO THE GERMAN TORPEDO-BOAT "SEEBAR."

Some time ago Sir William White described to the Institution of Naval Architects the gyroscope experiments of Dr. Otto Schlick on board the German torpedo-boat "Seebar." The gyroscope was hung amidships, and was driven by steam at 1600 revolutions per minute. In a rough sea the gyroscope successfully obviated rolling.



THE GYROSCOPIC APPARATUS.



THE "SEEBAR"

THE VESSEL THAT PROVED THE GYROSCOPE'S UTILITY.

The "Seebar" was formerly a first-class torpedo-boat of the German navy. Dr. Schlick reported that "the waves seemed to disappear under the vessel and she rose and sank with a gentle vertical motion, little or no spray coming on board."



Photo. Hamilton.

AN ELECTRIC HELMET TO WARD OFF SEA-SICKNESS.

The Kappmeier apparatus consists of a head-compress kept at a regular temperature by an electric current. The compression brings the blood back from the stomach, where it goes in the case of mal-de-mer, and so reverses the chief cause of the disorder.

THE GYROSCOPE THAT KEPT THE "SEEBAR" STEADY. The horizontal three-foot fly-wheel, of which a simple form electrically driven is shown above, was contained within the pot-like case hung on a horizontal axis. On the "Seebar" the gyroscope was driven by steam.

TESTING THE WEIGHT-CARRYING POWER OF THE NEW RODAH BRIDGE AT CAIRO.



1. THE NEW BRIDGE ACROSS THE NILE TO THE ISLAND OF RODAH, WHERE TRADITION SAYS THAT MOSES WAS FOUND IN THE BULRUSHES.

2. THE SWINGING PART OF THE NEW BRIDGE OPENED TO LET VESSELS PASS.

3. VERY HEAVY TRAFFIC AT REST ON THE BRIDGE: THE OFFICIAL TEST OF THE STRUCTURE.

4. HEAVY TRAFFIC IN MOTION TO TEST THE STABILITY OF THE NEW BRIDGE.

The largest bridge at Cairo has just been completed after three years' work. The Rodah Bridge is 1740 feet long, and 65 feet broad. There are fourteen spans and a turning span of 209 feet. This is swung by an electric motor, and when opened it gives a clear 70 feet on either side for the passage of vessels. At the official test on October 9 every square yard of the bridge was subjected to a weight

of 400 lb. In order to give this weight the footpaths were piled with sand. Twenty tram-cars loaded with cement, twenty-four water-carts, twenty dust-carts filled with sand, and eight traction engines were on the bridge the whole day, and were kept stationary over each span while the deflection was noted. The whole of the huge traffic was then driven at full speed across the bridge.



HE WHOM NONE MAY DISTURB: NAPOLEON'S SECLUSION IN HIS TENT THE DAY BEFORE LEIPZIG.

FROM THE PAINTING BY R. CATON WOODVILLE.

The Battle of Leipzig was fought on October 16-18, 1813. The historians are divided as to the causes of Napoleon's defeat. It is believed by some that he was seriously ill, and it is said that he remained in his tent the two days immediately preceding the battle, refusing to see anyone. Crowds of aides-de-camp with important dispatches waited feverishly for hours outside the tent of the Emperor, but no one dared enter. Mr. Sloane, while admitting that Napoleon was somewhat apathetic, says that the evidence is against his serious illness. The fact remains, however, that his dispositions were not made with the usual care, and that he was out-generalled.

N.B.—Special Four Page Supplement.

"Can Caa-Sickness be Prevented?" inserted here.

THE POWER OF THE RAILWAY MEN SHOULD THEY STRIKE.
PERCENTAGE OF AMALGAMATED SOCIETY MEN AMONG RAILWAY SERVANTS.



ALL THE TYPES OF RAILWAY SERVANTS.

The figures on the photographs are based upon a statement by Mr. Albert Fox, General Secretary of the Associated Society of Locomotive Engineers and Firemen. They show the proportion of members of the Amalgamated Society of Railway Servants, to railwaymen

FORCES NOW IN THE FIELD SINCE		ALL THE SOCIETIES UNITED.	
Amalgamated Society ...	100,000	Pointsmen and Signalmen ..	3,000
Engine Drivers and Firemen ...	13,000	Railway Clerks ..	10,000
General Railway Workers' Union ...	8,000	Telegraph Clerks ...	500
TOTAL ...		134,500.	

employed at the time when the all-grade movement was introduced. Since these percentages were compiled, all the railway societies have united, and the companies have, therefore, to face a much more powerful army in the event of a strike being proclaimed.

MOVING SPECTACLES FROM BOTH HEMISPHERES.



BEAUTIFUL RESIDENCES TURNED INTO SHOPS
IN VAN NESS AVENUE.



ONE OF THE FINEST HOUSES, HOBARD MANSION, NOW THE CITY
OF PARIS EMPORIUM.

MILLIONAIRES' HOUSES TURNED INTO SHOPS: A CURIOUS FEATURE OF THE REBUILDING OF SAN FRANCISCO.

While San Francisco is in course of being rebuilt, business is being carried on in houses that were formerly the residences of millionaires. The Hobard Mansion, for example, is now the great City of Paris Emporium. It has superb marble staircases and stained-glass windows. There is a great exhibition of furniture in the former reception-rooms. In Van Ness Avenue temporary shops have been built of wood in front of the houses, and the effect is not unlike some parts of Marylebone Road.



THE MOVING MOUNTAIN SEEN FROM THE ROUTE DE L'ESCRINÉE (ARDÈCHE).

THE MOVING MOUNTAIN AND THE DÉBRIS IT IS SWEEPING DOWN.

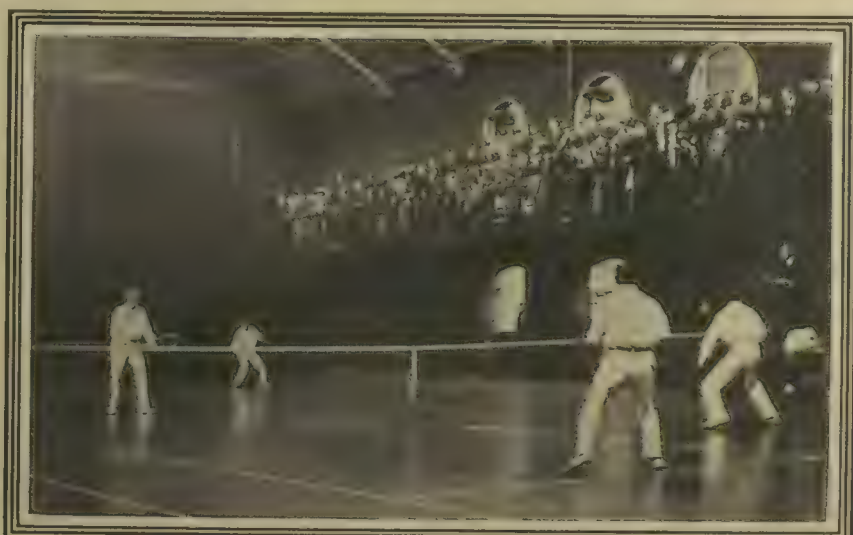
A MOVING MOUNTAIN: AN EXTRAORDINARY PHENOMENON IN THE PYRENEES.

The Montagne de Blaches in the Commune of St. Etienne de Boulogne has been dislodged by floods and is slowly moving down the valley. More than a million cubic metres of earth have been displaced, and a river has been turned from its course. Extensive works will be necessary before the roads in the district can be used again.



PRESIDENT KRUGER'S DESECRATED GRAVE.

On October 18 it was discovered that President Kruger's grave in Pretoria Cemetery had been desecrated. The white marble bust of Mr. Kruger had been torn from its pedestal and was lying on its face a yard away from the foot of the grave. A statuette of an angel on the tomb of Mr. Kruger's grandchild had also been knocked from its pedestal.



THE COVERED COURTS LAWN-TENNIS CHAMPIONSHIPS AT QUEEN'S CLUB: OPEN DOUBLES.

The Covered Courts Lawn Tennis Championships were played for last week at the Queen's Club. The competitors in the photograph are R. F. Doherty and G. M. Simond, against G. W. Hillyard and N. E. Brookes. The open doubles final, played on October 19, resulted in the victory of Doherty and Simond (6-4, 6-4, 3-6, 6-1). The game was particularly brilliant, and attracted a splendid audience. Brookes found the wooden courts rather fast, and though he served in good style, he had not the accuracy and judgment of his great opponent, Doherty.

A CURIOUS PHOTOGRAPH OF A MILLIONAIRE'S PLEASURE-YACHT.

PHOTOGRAPH BY UNDERWOOD AND UNDERWOOD.



MR. PIERPONT MORGAN'S YACHT IN THE CORINTH CANAL.

The yacht between the high banks of the canal across the Isthmus of Corinth presents a most remarkable appearance. Some time ago the canal excited considerable public interest, as it was put up to auction, owing to financial difficulties.

"THE SECRET FEAR."

In a recent issue of a well-known London publication a writer deals with the "secret fear" of getting fat, which possesses every woman at some period or other of her existence. "None of them escapes," says he. "Be they never so sane, sooner or later the shadow becomes substance, and they succumb. They see a stout woman in the street, and suddenly see themselves getting stout like her. With a shudder they determine to starve—and do so, until their dresses require to be altered. Such is the feminine fear of getting fat."

How this dread of the "Bogey Embonpoint" preys upon the minds of many women—and not a few men—we all know. But it is amazing that, with such a reliable and pleasant and harmless treatment as the Antipon treatment ready to hand, so many stout persons should allow the tendency to get fat—the tendency which, in fact, constitutes the disease of obesity—to get a grip upon the constitution. The old-fashioned remedies and treatments for obesity never destroyed that tendency, however much the partial starvation and dangerous mineral drugging they generally entailed may have reduced the weight. A few, rational, satisfying meals taken, and the fatty excess would show prompt signs of re-development. Now, Antipon, without the aid of drugs, and without any unpleasant dietary limitations, does most undoubtedly eradicate the distressing tendency to run to fat, whilst at the same time rapidly reducing the excessive avoirdupois. Wholesome food without stint is an essential part of the Antipon treatment. For this reason strength and vitality gradually return with every day's treatment. When correct natural proportions are restored the cure may be regarded as absolutely

permanent, and the subject is thoroughly healthy, full of energy and life, the skin clear, and the complexion radiant with health.

Antipon possesses great tonic properties, having an especially beneficial effect upon the digestive system. It gives a keen appetite, and promotes digestion and assimilation, so that nutrition is perfect. The blood, enriched by plenty of wholesome, well-digested food, is free from the floating fatty matter which, in cases of obesity, is deposited in the muscular fibre, rendering the limbs and muscles flabby and unshapely. Antipon, so to speak, rebuilds the whole body on lines of beauty and grace, and on the foundation of health and strength. Altogether, the treatment is unique, and hundreds of grateful men and women have given voluntary testimony to its remarkable fat-absorbent and health-restoring virtues. These letters of thanks and praise may be seen by anyone so disposed at the offices of the Antipon Company.

The "secret fear" of getting fat is generally prompted by æsthetic considerations, and the danger to health—and even to life itself, sometimes—is little dreamt of. But the danger is no less real, owing to the excess of fat, which clogs the vital organs, and hinders their free, healthy action. This internal excess of fatty matter is all eliminated by Antipon, and the consequent effect on the general health is supreme. Palpitation of the heart ceases, and breathing becomes easy. Antipon is a refreshing liquid, containing no trace of any mineral substance. It can be taken at any hour, and never produces any unpleasant after-effects.

Antipon is sold in bottles, price 2s. 6d. and 4s. 6d., by Chemists, Stores, &c.; or, should any difficulty arise, may be had (on sending amount) post free, privately packed, direct from the sole manufacturers, The Antipon Company, 13, Oilmor Street, London, S.E.

EDITORIAL PRAISE OF ANTIPON.

The "Illustrated Sporting and Dramatic News," in its issue of August 31st, says:—

"I must say a good word for the Antipon cure of obesity, which I have reason to know has come off satisfactorily in a long-standing case. The advantage of this system is that it asks nothing in the way of sacrifice from the patient. Of like some dietary restrictions there are none. Thus, it is totally opposed to old-time remedies that starved the body into thinness and general debility. Antipon assists digestion and assimilation, and, therefore, nutrition is normal. There is a steady daily reduction until natural proportions and correct weight are permanently restored. By that time the subject will be so far improved in health and strength as to rival a healthy youth in physical and mental energy, and in enjoyment of wholesome outdoor recreations. Being a liquid, agreeably tart and refreshing, Antipon is both pleasant and easy to take."

The "Weekly Dispatch," in its July 28th issue says:—

GREAT CURE FOR OBESITY.

"Excessive fatness is an evil which makes life a misery to countless men and women who have, as they despairingly exclaim, 'tried everything,' without avail. But if they have not tried Antipon they have certainly not 'tried everything,' for they have omitted the one remedy which will effect a really permanent cure in every case where the simple and pleasant course is consistently followed. When normal weight and symmetrical proportions are restored, the doses cease, as the disheartening tendency 'to put on flesh' is destroyed. Within a day and a night of the first dose there is a reduction of 8 oz. to 3 lb., and then a daily diminution, until complete cure. The tonic effects of Antipon are remarkable. It restores a healthy appetite, and as it requires the assistance of strengthening food in plenty, the effect upon the general health is wonderfully beneficial. A course of Antipon gives back health, vitality, and beauty, however long-standing the obesity may have been. Antipon is purely herbal in composition, refreshing to the palate, and entirely harmless. Briefly put, it is a perfect home treatment for the sure cure of corpulence."

Of Chemists &c

Antipon

REGD TRADE MARK.

Price 2/6 & 4/6

The Perfect Home Cure for Obesity

Colonial Readers of "The Illustrated London News" will be glad to learn that Antipon is stocked by Wholesale Druggists in Australasia, South Africa, Canada, India, etc; and may always be obtained by ordering through a local Chemist or Stores.



For Skin and Complexion.

PLANTOL SOAP

represents a new feature in the art of soap-making. It is made from fruit and vegetable oils, and contains no animal fat. Alone, these oils are soothing and emollient. When delicately blended and manufactured into Plantol Soap, they act as a balm to the skin.

A TOILET TREASURE

LEVER BROTHERS LIMITED, FORT SUNLIGHT, ENGLAND.

The name **LEVER** on Soap is a guarantee of Purity and Excellence.

"THE TOUCH OF A VANISHED HAND."

THOUGH it is unfortunately not generally realised among us, it is nevertheless a fact that the born naturalist is a great race-benefactor, and we should be proud to remember that Great Britain has produced more prodigies of this kind than any other nation. Gilbert White, Charles Waterton, Richard Jefferies, Frank Buckland, are names which are held in honour among us—to mention only a few. And the mantle which they successively wore fell at last upon the shoulders of Charles Cornish, who, to our loss, joined the circle of these venerated ones but a little more than twelve months since. Those who fell under the spell of his charming essays on all things pertaining to wild life will therefore welcome, with a sad pleasure, a volume of collected papers from his pen which has been issued by Messrs. Longman and Co., under the title of "Animal Artisans." They contain some of the best things he ever wrote, and are prefaced by a short memoir by his widow which all will be glad to have; for it is both gracefully and judiciously written. Had another hand essayed this task, indeed, more words of praise would probably have found a place therein, and these would have been superfluous. This book will be appreciated as a rare gift by many who are now scattered far and wide over the world, for the number of his admirers was legion, while the rising generation will find in its pages a permanent delight. Containing no fewer than thirty-six chapters, in addition to the memoirs to which we have referred,

it would be impossible, within the space at our disposal, to give an adequate summary of the contents of this book. Suffice it to say that they are delightfully varied, containing essays on such themes as "Canary Culture," "The Mind of the Gardening Ant," "The Simple Life,"

THE SHEEP-EATING KEA.

TO the many theories put forward in a recent issue upon the origin of the meat-eating tastes of the New Zealand wild parrot, none, it would now appear, was quite accurate. Indeed, many people who are very familiar with the Kea, as the bird is colloquially called, have never heard of the fungus which we described. Now, too, a much simpler explanation is forthcoming.

It is the custom in New Zealand, as everywhere else in Australasia where there are vast sheep-runs, to throw fleece-downwards on the ground, or over the strands of a wire fence, the pelts of sheep that have been killed, so that the interior surface may be thoroughly dried. Usually, too, the entrails from the sheep are pitched on to this, whereby small portions of intestinal fat cling to the pelt. The pelts so exposed stimulated the birds to search for insects in the wool, when the scraps of fat attracted their attention and gave a zest to their palate, so that the wild parrot ultimately developed a taste for the meat. The reason that he always attacks the kidneys is because experience has shown him that kidney fat is the least protected, and he pecks until he gets his beak into the cavity. No other explanation is known among the run-holders in New Zealand, where keas existed in large numbers before anything was heard of "vegetable sheep." ANGUS HAMILTON.



Photo. "Lester's Weekly."

A THOUSAND BANKERS IN BATH-CHAIRS: THE GREATEST MEET ON RECORD OF AMERICAN FINANCIERS.

During the recent convention of the American Bank of Association at Atlantic City the business meetings of the society proved less attractive to the delegates than the fascinating roller-chairs, clambakes, banquets, cake-walks, and excursions. The convention was really opened with a roller-chair parade.

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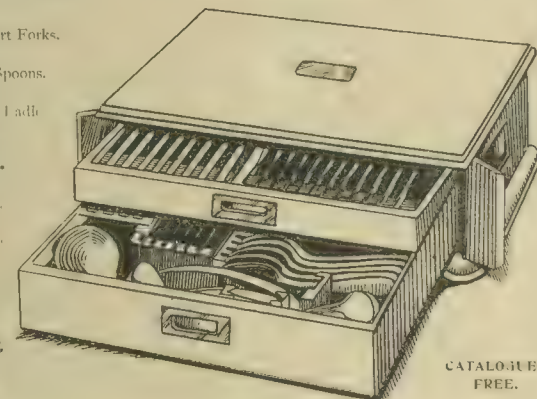
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LADIES' PAGE.

A CONFERENCE on "Women and Work" at the London Mansion House, attended by representative of thirty-seven Boards of Guardians, and upwards of one hundred other societies, ought to have produced good counsel. No special practical scheme seemed to be evolved, but certain points were mentioned that may eventually bear fruit. It was pointed out, for instance, that women's wages are so low in unskilled occupations that it is absolutely impossible for them to save, and therefore in any State schemes for helping "out-of-works," and, I would add, for old-age pensions, this class has the first claim. Then the deficiency in lodging-houses for the poorest sort of working women is a crying evil. The County Council's lodgings and voluntary efforts (such as the Rowton Houses) alike are almost wholly made exclusively for men, who surely need assisted shelter least. It was mentioned that in Birmingham, for instance, there are over one thousand registered lodgings for men, and only forty-five for women. Finally, amongst the points mentioned, I was glad to hear one that I have urged again and again, and that I hope yet to see taken up practically—namely, a great scheme for training hundreds of girls of the very poorest stratum to become domestic workers, in place of those young women of a somewhat higher grade who supplied our ancestresses with their servants, but who now choose to go to some other walks of wage-earning, leaving domestic service, well-paid and comfortable as it is, scarce of workers.

It is usually somewhat monotonous to describe weddings, but occasionally there are some novel features. At the recent wedding in London of the great-grandson of the famous Waterloo General Blücher with an English girl, the bridesmaids were dressed after a picture of a gown worn at the Duchess of Richmond's ball which was given the night before the battle. The very short Empire bodices of white satin were partly draped with chiffon fichus, and held in to the figure with crossed bands of white satin ribbon swathed round, and falling in front in long ends, finished with silver tassels. The skirts were narrow and short, but fell in pretty folds, and the white crinoline hats trimmed with crimson roses were in harmony with the style. At the marriage of Lady Clare Noel, daughter of the Earl of Gainsborough, the picturesque device was adopted of dressing the eight bridesmaids in pairs, differing in colour; those nearest the white-and-silver wedding-gown wore pale-blue chiffon skirts and caps, the next couple were in pale pink, the next two in delicate mauve, and the others in lemon yellow; they all wore also white lace long coats, and carried gilt baskets filled with shaded chrysanthemums. The recent wedding of the Duke of Roxburghe's



A BEAUTIFUL TEA-GOWN.

This artistic indoor dress is of white velvet, embroidered round with rich Indian colouring and threads of gold. Inner dress of spotted net and lace, with sleeves of net.

second son with Miss Breese introduced quite a wintry note in the bridesmaids' gowns. They were of corn-coloured chiffon over satin, Princess cut, trimmed with a band of mink round the top of the hem, and having mink edging down each side of the lace vests; the picture-hats of the same taffetas were worn with long tulle ends down the back. At the wedding of the second son of Lady Leconfield with Miss Farquhar, the bridesmaids carried long white Directoire sticks with bunches of lilies tied on the top. Another pretty detail of their costume was that they all wore silver shoes, while their gowns were of pure white crêpe-de-Chine embroidered with silver.

Exercise is imperative for health, but damp or chilled feet and ankles are most dangerous; and thus, for a large part of our winter, we are between the horns of a dilemma. The solution is to dress properly. While knickerbockers solve the dabbling petticoat trouble, the ankles and the top of the foot cannot be properly protected otherwise than by possessing a pair of the excellent spiral puttees manufactured by Messrs. Fox Brothers, Wellington, Somerset, from whom a price-list and shade-card can be obtained direct by post. The Fox puttees are ingeniously cut from a soft, prepared cloth, so as to wind spirally round the leg from the ankle to the knee, which adapts them to the shape of the leg. Spats can be had or not at choice, but when these are worn with the puttee a most neat and comfortable result is obtained, and the wettest weather can be defied, even though only low shoes be worn. The Fox puttees are made also for men, and have been adopted as the regulation pattern by the War Office. It is not always possible for ladies to obtain the same comfort and support from clothing as the superior sex enjoys, but Fox's puttees are available for us too, and every woman who takes proper exercise in all weathers, or who shoots, fishes, or golfs, ought to get a pair at once.

Braiding is again a great feature of tailor-made frocks. It is a very good thing for the tailors when this becomes the fashion, as few women can braid well; it is a special art, needing training and practice, and this the ordinary dressmaker does not possess, though, of course, a really skilled tailor displays this ability, and it would surprise ladies to know how often the greater part of their clothes, called tailor-made, are really entirely or mainly the work of tailoresses. One point in which women are inferior to men in dealing with heavy cloths is in the strength needed for pressing satisfactorily. The long coats now fashionable, over three-quarter length, though not reaching the hem, are very heavy, both to make and to wear. All coats, almost without exception, are bound with braid, whether there is much other similar treatment or not. Black silk braid edges and decorates many colours, particularly purple and green. Brown also takes black edging satisfactorily. The short coat that just turns the waistline is more practical than a longer one for walking, but for driving, of course, it is important to have the knees protected by the coat.

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THE CHRONICLE OF THE CAR.

QUITE a surprise was in store for those who attended the Lewes Quarter Sessions on Tuesday, 15th inst., to hear Mr. D. M. Weigel's appeal against the very severe sentence of one month's imprisonment inflicted upon him by the Hayward's Heath Bench some time previously. It was generally believed that Mr. Weigel could put up a most excellent fight, and produce testimony as to his innocence which would convince all but the most prejudiced. However, the counsel for the prosecution opened with a suggestion that a fine of £50

the coming Exhibition, have been much alarmed at the prospect of a heavy fall in second-hand prices. I trust these people will ignore the scare-mongers, who take thought for nothing but head-lines and sensation, and will take it from this writer that for this year, at least, there will be no sensational price-cutting in connection with motor-cars.

Our Sovereign Lord the King has just taken delivery of his sixth motor-car. I do not, of course, suggest that his Majesty received his latest Daimler at the front-door of Buckingham Palace. Our good

King may be as enthusiastic as most of us on the subject of motoring, but the weighty cares of an Empire can, worse luck! leave him no

later his Majesty became possessed of one of the trusty old two-cylinder Daimlers, but this was subsequently purchased by Lord Hastings. Since then the King has bought six more Daimlers—an example to the moneyed people among his subjects.

On every hand I see signs and hear that the trend of the public taste is away from the unduly powerful and towards the medium-powered car. Engines of 40-h.p., 60-h.p., and 90-h.p. can be used with effect upon the long, straight, bare roads of France, but to buy them for use in this country is sheer waste of money. On average English roads they are slower, a good deal slower, than lower-powered cars. In the disconcerting traffic of the City and the outlying suburbs this will be found to be particularly the case. Consider a run from the West End to Bromley, for instance: a handy, smart car like the 15-h.p. Talbot would finish many minutes in front of a 60-h.p. car at much less cost and with infinitely less worry in the driving. Even in long runs-out on such roads as London to Worthing, twenty minutes would not separate the cars at the coast.



THE RECORD FLIGHT FOR AN AEROPLANE: MR. FARMAN'S MACHINE.

Mr. Henry Farman has made the record flight of 285 yards with his aeroplane, beating M. Santos Dumont's best performance by about sixty yards. The aeroplane has three wings of the box-kite pattern. The propeller is worked by a 50 h.p. Antoinette motor. The screw is a steel frame covered with canvas. Its diameter is a little over six feet. The machine weighs over half a ton.

and payment of all costs, together with loss of license for fifteen months, would meet the ends of justice. To this, doubtless to be relieved of the worry of the whole thing, Mr. Weigel, through his counsel, Sir Charles Mathews, K.C., assented; but in the end the Bench, returning to the court, decided to hear the appeal. Of course, neither Sir Charles Mathews nor Mr. Lowe, counsel for the prosecution, would then proceed under such Gilbertian conditions, and an adjournment was insisted upon. Mr. Weigel is therefore to be kept upon the rack until next January.

There are all sorts of wild-cat rumours going the rounds with regard to slump, price-cutting, and the like, and many writers dealing with motoring subjects in the columns of lay journals have seized upon such reports and thrown them up in high relief. Many owners of good cars, intending them for sale in the beginning of the year, and contemplating an order for a new car at

time for such enthusiasms. The fact that the royal motor stud is now so numerous is in interesting contrast to the fact that it is only ten years ago, come Nov. 27, as the old folks say, that King Edward took his first ride on a motor-car. This trip was made in one of the early Daimler cars, in the grounds of Buckingham Palace, and the King—Prince of Wales at that time—drove the car during the run. Two and a half years



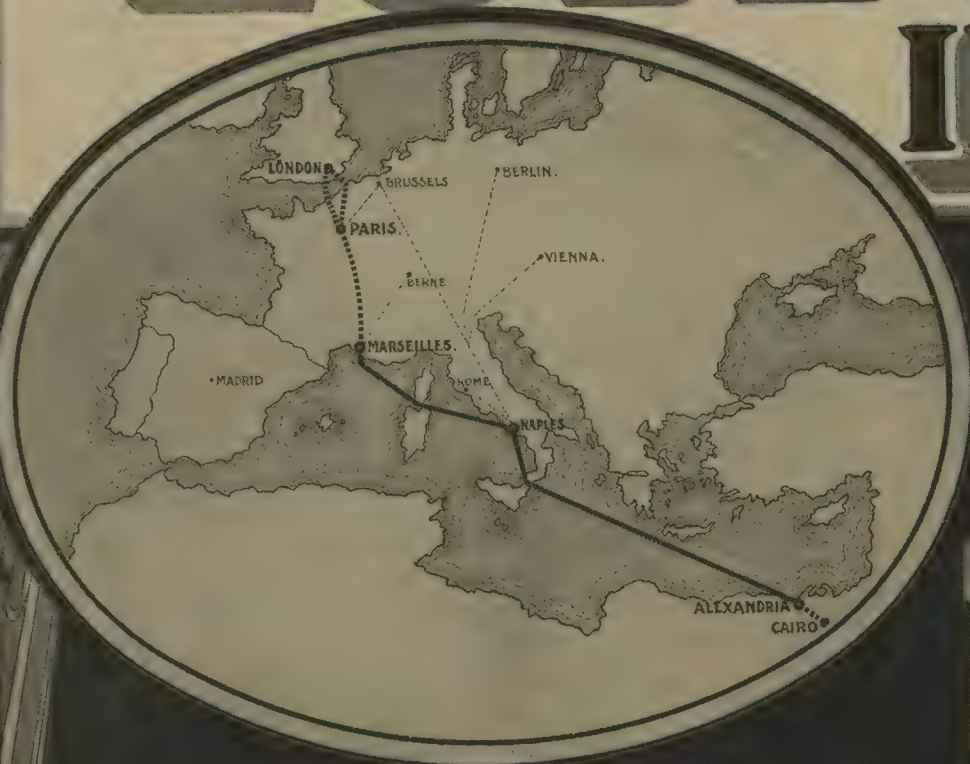
M. Dumont.

[Photos. Topical.]

M. SANTOS DUMONT DUCKED WITH HIS HYDROPLANE.

Last week, when M. Santos Dumont was taking out his hydroplane for a trial run, he made a false step and fell into the water. A large crowd of spectators who had assembled to see the experiment witnessed the aeronaut's ducking. M. Dumont gave up the trial of his hydroplane for the day.

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ECCLESIASTICAL NOTES.

THE Bishop of Carlisle has appealed to Liverpool citizens to mark their sense of pride in the *Lusitania's* record voyage by subscribing generously to the Seamen's Orphanage. "Without the help given by Atlantic passenger-through concerts on board ship," said Dr. Diggle, "it would be difficult for the Orphanage to carry on its work. I urge you to turn the great event of the *Lusitania's* record-making voyage to practical account, for it is a universal and inexorable law that every emotion that passes through the conscience of man leaves the man worse than it found him unless it is turned to practical account."

Canon Stuart has taken formal leave of his attached congregation at St. Matthew's, Bayswater. Presentations were made at a public meeting in the Church Room, and the church-wardens and other speakers bore testimony to the value of Canon Stuart's ministry. He is now in residence at Canterbury, where his preaching attracts crowded congregations.

The Bishop of Newcastle has opened his first bazaar in his new diocese, in aid of the Tynemouth Y.M.C.A.

THE BOER SEAL AT AUCTION: TO WHOM SHOULD IT BELONG?

The Seal of the former Boer Republic was put up to auction last week at Messrs. Knight, Frank, and Rutley's, but was withdrawn at the request of the authorities. The question has been raised by the Colonial Office as to whether the Seal should not be the property of the Government.

He spoke warmly in praise of Bible classes as a means of gaining church members. When he was appointed Vicar of Aylesbury thirty years ago there were only 136 communicants on the first Easter Sunday, but on the last Easter Sunday before he left there were 500. He attributed that gratifying result to the establishment of Bible classes in the town.

The late Canon Feilden, who passed away at Chester on Sunday, Oct. 13, at the age of seventy-nine, will be greatly missed by the Cathedral staff, and by a wide circle of friends in the diocese. He belonged to an old Lancashire family, and was educated at Christ Church, Oxford. In 1873 he was made an honorary Canon of Chester Cathedral, and in 1888 was appointed a residentiary Canon.

OPINIONS OF CELEBRITIES.

It is a trite saying that "Self-praise is no recommendation." The truism is peculiarly applicable in the case of a food or a tonic. Sanatogen, the tonic food, it will be seen, does not base its claims on mere statements, but on the broader and more substantial foundation of public approval. Sanatogen has won the endorsement of thousands of physicians and of people of the highest standing, well known in the community, whose testimony, therefore, is unimpeachable.

"WHITEHALL COURT, S.W.,

"18th May, 1907.

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Haec Carne

Sanatogen is not merely a wonderful tonic, it is a scientific combination of pure milk albumen with glycerophosphates. Owing to its composition, it nourishes the system whilst toning the nerves and stimulating the brain. In fact, it gives to body, brain, and nerves their essential food in precisely the form in which it is the

most readily assimilated. As a consequence of these special virtues, Sanatogen is singularly beneficial in cases of nervousness, dyspepsia, anæmia, and sleeplessness, and wherever a really reliable body and nerve builder is required.

Miss Irene Vanbrugh, the popular actress, says of it—

"DUKE OF YORK'S THEATRE.

"I have very great pleasure in telling you that I find Sanatogen more than justifies the very high reputation it has already gained. It is quite the best preparation I have ever had brought under my notice, and I shall certainly recommend it to my friends."

Irene Vanbrugh.

Sanatogen is a powerful restorative and recuperative for the invalid. It can be borne by the weakest stomach, and when everything else is rejected Sanatogen can be given with perfect safety. Not only the invalid, but the healthy person also will find Sanatogen of great value as a means of maintaining bodily and mental vigour. It is proved to be highly effective when either mind or muscle is called upon to put forth an extra effort.

As Rector of St. Andrew's, Lower Bebington, he carried out important restoration work.

Bishop Lander has taken leave of his congregation in St. Silas' Church, Toxteth, Liverpool, and will soon enter on his duties in the immense diocese of Victoria, South China, which has a population of 90,000,000 souls. In his farewell sermon the Bishop said—"There will be no real work done in China unless the English-speaking people pray on our behalf." He added that the Bible Society had last year circulated over a million copies of the Scriptures in the Chinese language, and that three out of the eighteen Viceroy's had given orders that the Christian Bible should be taught in all the schools.

The *Guardian* publishes a full report of the Bishop of London's sermon at the tercentenary of the American Church. The greatest danger of the Church on both sides of the Atlantic," said Dr. Ingram, "is worldliness. . . . Only a Church whose weapons still are faith and hope, and love and prayer, can hope to win the world."

Silver wedding-gifts have been presented to the Bishop of Peterborough and Lady Mary Carr-Glyn by the clergy and laity of the diocese.

The Bishop was presented with a gold pectoral cross, and Lady Mary Glyn with a gold ring. Accompanying these were portraits of their children.

The Rev. E. N. Powell, who has accepted the Bishopric of Mashonaland, has lived in the East-End for fifteen years, and has done valuable work as Vicar of St. Stephen's, Upton Park. He has shown much interest in foreign missions, and has served as Chairman of the Junior Clergy Missionary Association. Mr. Powell is a fine athlete, a good swimmer, and a skilful oarsman, cyclist, and tennis-player.

Thus, Mr. Cyril Maude states his experience—

"THE PLAYHOUSE,
"NORTHUMBERLAND AVENUE, W.

"I have found Sanatogen quite wonderful. My father also has derived great benefit from it. I often take it now during the performance, when I feel rather done up."

Cyril Maude

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An engrossing booklet that throws a flood of light on a matter of vital importance to our well-being is entitled "The Will to Do" from the graphic pen of the well-known medical writer, Dr. C. W. SALEEBY, F.R.S.E. A copy will gladly be sent post free on application by letter or postcard mentioning *The Illustrated London News*, and addressed to the Sanatogen Company, 83, Upper Thames Street, London, E.C.

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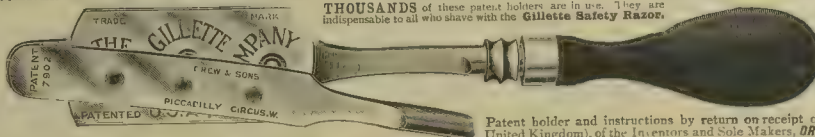
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The Gillette
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Safety Razor.
In case, with 12
blades, 21/-
DREW & SONS,
Piccadilly Circus,
London.

A Purchaser writes—

I tried the dulllest blade
I had this morning, and
in a few seconds it had a
perfect edge, giving an
absolutely clean and easy
shave. I am glad I have
not thrown away my old
blades.



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indispensable to all who shave with the Gillette Safety Razor.

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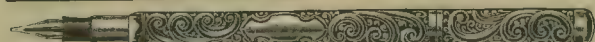
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BLADE HOLDERS for SHARPENING blades
that have become dull. The best
edge can be obtained in a FEW SECONDS
by sharpening on a diamond strip.

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of six penny stamps.

E. LAZENBY & SON, Ltd., 18, Trinity Street, London, S.E.

BUCHANAN'S "BLACK & WHITE"

THE WHISKY OF WORLD-WIDE REPUTE

CHESS.

R. J. L. and New Brighton. The main theme is sufficient, although the problem deserves to have its other variations fully considered.

ST. JOHN (Daington).—We quite agree with your judgment of No. 3309.

J. R. MATTHEY (Hugbilly).—Editor of Chess Amateur, George Street, Strand, will suffice.

BLACK KNIGHT (Hristol).—Your problems shall be examined, and we hope to find more than one that can be used.

G. BYRON (Rotterdam).—Problem received, with thanks.

CORNER SOLUTIONS OF PROBLEMS Nos. 3306 and 3307 received from

1. Muntz (Toronto); of No. 3306 from Robert H. Couper (Malbone),

2. Muntz (Toronto); of No. 3307 from Robert H. Couper (Malbone),

3. Muntz (Toronto); of No. 3308 from Robert H. Couper (Malbone),

4. Muntz (Toronto); of No. 3309 from Robert H. Couper (Malbone),

5. Muntz (Toronto); of No. 3310 from Robert H. Couper (Malbone),

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11. Muntz (Toronto); of No. 3316 from Robert H. Couper (Malbone),

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35. Muntz (Toronto); of No. 3340 from Robert H. Couper (Malbone),

36. Muntz (Toronto); of No. 3341 from Robert H. Couper (Malbone),

37. Muntz (Toronto); of No. 3342 from Robert H. Couper (Malbone),

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43. Muntz (Toronto); of No. 3348 from Robert H. Couper (Malbone),

44. Muntz (Toronto); of No. 3349 from Robert H. Couper (Malbone),

45. Muntz (Toronto); of No. 3350 from Robert H. Couper (Malbone),

46. Muntz (Toronto); of No. 3351 from Robert H. Couper (Malbone),

47. Muntz (Toronto); of No. 3352 from Robert H. Couper (Malbone),

CHESS IN LONDON.

Game played in the British Chess Federation Tournament between Messrs. HOLMES and SHOOTING.

(Queen's Gambit Declined.)

WHITE (Mr. H.) BLACK (Mr. S.)

1. P to Q 4th P to Q 4th

2. P to Q 4th P to Q 4th

3. Kt to Q 4th P to Q 4th

4. B takes P P to Q 4th

5. P takes P P to Q 4th

6. Q to R 4th ch Kt to R 3rd

7. Kt to Kt 5th B takes P

8. B to B 4th B to Kt 5th ch

9. K to Q 4th B to R 4th

10. Kt to B 3rd B to Kt 3rd

11. P to Kt 3rd P to Kt 3rd

12. P to Kt 3rd P to Kt 3rd

13. P to Kt 3rd P to Kt 3rd

14. P to Kt 3rd P to Kt 3rd

15. P to Kt 3rd P to Kt 3rd

16. P to Kt 3rd P to Kt 3rd

17. P to Kt 3rd P to Kt 3rd

18. P to Kt 3rd P to Kt 3rd

19. P to Kt 3rd P to Kt 3rd

20. P to Kt 3rd P to Kt 3rd

21. P to Kt 3rd P to Kt 3rd

22. P to Kt 3rd P to Kt 3rd

23. P to Kt 3rd P to Kt 3rd

24. P to Kt 3rd P to Kt 3rd

25. P to Kt 3rd P to Kt 3rd

26. P to Kt 3rd P to Kt 3rd

27. P to Kt 3rd P to Kt 3rd

28. P to Kt 3rd P to Kt 3rd

29. P to Kt 3rd P to Kt 3rd

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100. P to Kt 3rd P to Kt 3rd

THE PLAYHOUSES.

"THE EDUCATION OF ELIZABETH" AT THE APOLLO.

THE new play of Mr. Roy Horniman's on which Mr. Tom B. Davis is relying at the Apollo, is one of those blends of domestic melodrama and comedy of which we have had two or three samples during the current season. Its merits are the command of humour it shows and its crisp, sparkling dialogue. Its faults arise mainly from its author's stagey handling of character and his inability to give an air of reality to his emotional scenes. The idea with which this actor-playwright starts his story of "The Education of Elizabeth" is ingenious if not exactly novel, but it is not developed in a fashion that makes for probability. We are to suppose that a young man of position, falling in love with a chorus-girl of eighteen, resolves to have her educated. She returns from abroad demure and considerably changed; and since interested parties are at hand ready to suggest that her benefactor will only keep his bargain of matrimony out of compassion there are all the possibilities of a sentimental misunderstanding. It needs but the intervention of a middle-aged roué of the conventional type, who persuades the girl to an elopement, of which she promptly repents, to render the complication theatrically complete. Mr. H. V. Esmond can do little with the roué's part. Miss Maud Millett makes a welcome reappearance in the character of an attractive lady who befriends the heroine. Mr. Lawrence Grossmith represents a brainless dandy in a manner which closely resembles that of his actor-brother. Mr. Marsh Allen is natural in the hero's rôle; and Miss Miriam Clements, though she suggests a girl of rather more than eighteen, proves a very charming if not always quite unconvincing Elizabeth.

"LA SORCIÈRE" AND SARAH BERNHARDT.

Welcome as must be Mme. Bernhardt's reappearance to all London admirers of her art, there must be many who could have wished she had opened her brief season at the Royalty in some less trumpery piece of drama, or rather pretence at drama, than M. Sardou's "Sorcière." For this is Sardou at his worst—a pseudo-medieval, sham-romantic tragedy of witchcraft, all artifice and glitter, gauzy draperies and lime-lit poses, and long-drawn rhapsodies and worked-up frenzies. In a word, it is a play written round all the external features of Sarah Bernhardt's genius—her physical picturesqueness, her grace of movement, her glorious voice, her tricks of declamation, her vast range of mood; and those who are content to see the actress go through all her tricks, as it were, will be satisfied with "La Sorcière." Others who know that Mme. Bernhardt is something more than a machine capable of producing a variety of wonderful vocal effects, will be glad to note that later on she is to give us her Phédre, and to offer a novelty in the shape of M. Hervieu's play, "Le Reveil."

CHESS IN GERMANY.

Game played in the Carlsbad Tournament between Messrs. MIESER and NIEZMOWITZ.

(Queen's Gambit.)

WHITE (Mr. M.) BLACK (Mr. N.)

1. P to K 4th P to K 4th

2. Kt to Q 4th Kt to Q 4th

3. B to B 4th B to B 4th

4. P to Q 4th P to Q 4th

5. Kt to Kt 5th Kt to Kt 5th

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Another Game in the Tournament, between Messrs. JANOWSKI and TARIKOV.

(Queen's Defence.)

WHITE (Mr. J.) BLACK (Mr. T.)

1. P to K 4th P to K 4th

2. Kt to Q 4th Kt to Q 4th

3. B to B 4th B to B 4th

4. P to Q 4th P to Q 4th

5. Kt to Kt 5th Kt to Kt 5th

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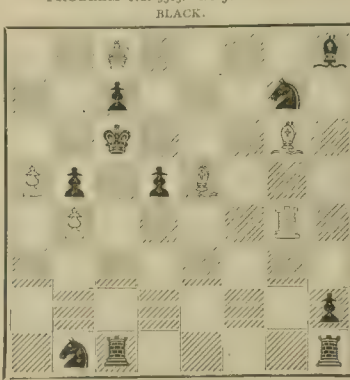
97. Kt to K 4th Kt to K 4th

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99. Kt to K 4th Kt to K 4th

100. Kt to K 4th Kt to K 4th

PROBLEM No. 3313.—By J. R. MATTHEY.



White to play and mate in three moves.

Many will be glad to know that a great sale of art furniture and every equipment for the home is now being held at the big establishment of Messrs. Oetzmann and Co., Ltd., 62-79, Hampstead Road, W. This enterprising company has purchased for cash the business of Messrs. Cleret and Co., Ltd., 146, 148, and 150, Wardour Street, W., at a discount averaging seventy per cent. off the cost of manufacture. The furniture is of elegant French and English style.

STEINWAY

Modifications in the size of our rooms call for a like treatment of the contents. To-day the demand is for a piano which approaches as nearly as possible the richness and breadth of tone of the horizontal grand, with more economy in floor space. The STEINWAY VERTEGRAND (in upright form) complies with this demand in every possible way, and it is the cheapest and most efficient upright piano in existence. The VERTEGRAND is of chaste and simple design with tonal qualities of a high order, which instantly evoke the sympathy and admiration of the performer.

Only One Price. £70 CASH.

Delivered free London, and from all Steinway agents throughout the United Kingdom. For India and the Colonies, cost of duty, packing, and freight would be added. Write or call to-day for full particulars of terms, together with booklet

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A Wonderful Book on Money-Making.

Within the last few weeks there has been an overwhelming demand for a remarkable book dealing with a subject of absorbing interest, a subject that interests both young and old, rich and poor alike. This little volume does not ascend into the realms of visions; on the contrary, it tears aside the curtain that so often obscures our understanding of things, and it deals with plain, cold facts. It enlightens the man who is interested and instructs and informs the man who is ignorant. It tells of new fields and pastures green, and points—without fear or favour—to where those fields and pastures lie.

This is not a book for the library shelf. It is a book to be read, and can be read by the young as well as the old. It will serve as a fund of information for the former and a source of inspiration to the latter. For every careful, thrifty man or woman it is one of the books that are essential. One's education is not complete without having read its thrilling and fascinating pages. The subject of money-making by modern methods is fully explained, and, considering the invaluable nature of the information imparted, it is done in such a masterly manner that your interest is at its highest pitch from beginning to end.

Nearly one hundred thousand copies of this publication have already been distributed, and those who have read it through have sent for copies for their friends.

This book, that no one can read without benefit, will, for a limited period only, be sent free to all inquirers.

There is, of course, no telling how soon it may be impossible to procure further copies, and it would therefore be unwise to miss such an opportunity.

Write at once—to-day—and you will receive a copy by return post.

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We offer ten Book Prizes for the best "last line" to the following Limerick. The prizes are volumes from our popular Buttercup Library, first-rate novels by well-known authors. All that competitors have to do is to send in their "last line" by letter or postcard, addressed Limerick Dept., Chiswick Polish Co., whose decision will be final. Replies must be received within seven days from date of issue, and must give name of paper. Names of ten winners and a new Limerick will appear this day fortnight.

No. 6.



Said this romping and rollicking boy,
"CHERRY BLOSSOM" a boon and a joy;
I can brush my own boots
Without soiling my suits.

The prize-winners in Limerick No. 5 Competition were:

Mr. Jas. Watt, 45, Alford St., Grantham; Miss E. S. L'Estrange, Alva House, Alva, N.B.; Miss L. Whitehall, 38, Henry Road, Nottingham; Mr. D. J. Quinlan, 119, George St., Limerick; Miss P. Taylor, 22, Osborne Rd., Southville; Miss T. Carter, 33, Northumberland St., Manchester; Miss E. Marshall, Hollyhurst, Gregory St., Lenton; Mr. F. Hickey, 115, New Lodge Rd., Belfast; Mr. W. H. Fowles, 85, Well St., Tunstall.

The best last line sent in was:—

"With a touch of 'Cherry Blossom' each day."

CHERRY BLOSSOM
BOOT POLISH

is the best for the leather of all boots, box calf, glazed kid, etc. It is waterproof and preservative and requires no hard brushing—only a rub with a cloth or pad. In tins, 2d., 4d., 6d. OUTFIT, 1/- Of Grocers, Bootmakers, Leather Merchants, etc.

FREE SAMPLE

along with samples of BUTTERCUP METAL POLISH and CHISWICK CARPET SOAP will be sent to any applicant on receipt of 1d. stamp to cover postage.

Chiswick Polish Co., Hogarth Works, London, W.

A SMEAR

of

"JUST OUT"
Boot Polish

on boots of any leather is sufficient to insure a brilliant, durable gloss, that not only delights the eye, but is a wonderful preservative—makes the boots last twice as long. "JUST OUT" is sold in tins, black and tan, at 3d., 4d., and 6d. Sample free if you mention this paper to

Sole Makers—

DAY & MARTIN,

Borough Road, London, S.E.

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is of course
WRIGHT'S COAL TAR SOAP,
but the important word is
WRIGHT'S

Why? you ask.

Well,—imitation is the sincerest form of flattery, but the imitations of WRIGHT'S COAL TAR SOAP are so bad as not to flatter the imitators, and they will assuredly disappoint you, if not be positively injurious to you.

See the name "WRIGHT'S" is on the wrapper.

4d. per Tablet.

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This handsome little boy (Stanley Eric Gibb, 5, St. Martin's Road, Stockwell, London, S.W.) was fed from birth on Mellin's Food

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USEFUL BOOK AWAITS YOU FREE

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ROWLAND'S
KALYDOR
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Ladies' 3/6, 4/6, 5/6, 6/6, 7/6, 8/6, 9/6, 10/6, 11/6, 12/6, 13/6, 14/6, 15/6, 16/6, 17/6, 18/6, 19/6, 20/6, 21/6, 22/6, 23/6, 24/6, 25/6, 26/6, 27/6, 28/6, 29/6, 30/6, 31/6, 32/6, 33/6, 34/6, 35/6, 36/6, 37/6, 38/6, 39/6, 40/6, 41/6, 42/6, 43/6, 44/6, 45/6, 46/6, 47/6, 48/6, 49/6, 50/6, 51/6, 52/6, 53/6, 54/6, 55/6, 56/6, 57/6, 58/6, 59/6, 60/6, 61/6, 62/6, 63/6, 64/6, 65/6, 66/6, 67/6, 68/6, 69/6, 70/6, 71/6, 72/6, 73/6, 74/6, 75/6, 76/6, 77/6, 78/6, 79/6, 80/6, 81/6, 82/6, 83/6, 84/6, 85/6, 86/6, 87/6, 88/6, 89/6, 90/6, 91/6, 92/6, 93/6, 94/6, 95/6, 96/6, 97/6, 98/6, 99/6, 100/6.

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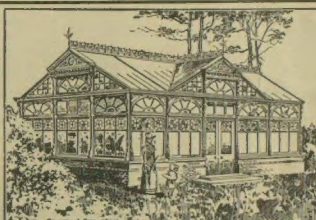
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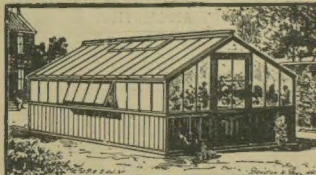
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4 ft. by 6 ft. ... £1 15 0 12 ft. by 6 ft. ... £3 15 0

8 ft. by 6 ft. ... 2 15 0 16 ft. by 6 ft. ... 4 15 0

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similar to No. 75, with Two Lights ...

Ladies and Gentlemen waited upon by Appointment.

CARRIAGE PAID on orders of 40s. value to most Goods Stations in England and Wales.

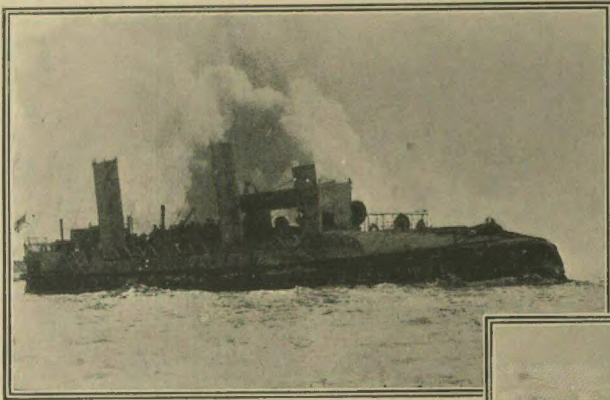
THE ORIGIN OF POTTERY.

MR. ROBERT DE RUSTAFJAELL, F.R.G.S., whose studies in the realms of Anthropology and Egyptology are of considerable interest, and who was the defendant in the interesting "Silver Casket case" the other day, has traced the origin of pottery to the flintimplements of the Paleolithic period in Egypt. He shows in a series of plates how the hollow flint nodule was copied in limestone during the Paleolithic Age, and then in other stone, until the clay vessels of the pre-dynastic period made their appearance. Mr. de Rustafjaell has worked among the flint "factories" of the Paleolithic Age that may still be seen scattered over remote parts of Upper Egypt to-day, and he is convinced that the limestone vessels found there are the work of primitive man, prototypes of the vessels of the Neolithic period, and the first parents of pottery. It is very fortunate that the investigator was turned from his original purpose when he left London in January last to visit the Oasis of Siwa and examine the remains of the Temple of Jupiter Ammon. Owing to certain disturbances among the tribesmen in the neighbourhood of Siwa, this journey had to be postponed, and, rather than waste the season, M. de Rustafjaell decided to explore the desert of Upper Egypt, where he found the flint "factories," and, with the help of friendly Arabs, collected a large number of implements. The gradual development in the shape and uses of the flints and limestones is most interesting, and although every man of science understands that his theory will be disputed violently by his contemporaries, M. de

Rustafjaell can look forward with confidence to the result of the inevitable controversy.

Lady Lowe, who will be accompanied by Sir Francis Lowe, M.P., opens the "Olde Englyshe Faire" in aid of the Bolingbroke Hospital at the Battersea Town Hall on Friday, Oct. 25, at three o'clock.

"Ardath Special" is a blend of rare tobaccos which have been stored in bond for many years. It has been the custom of the Ardath Company in those years which

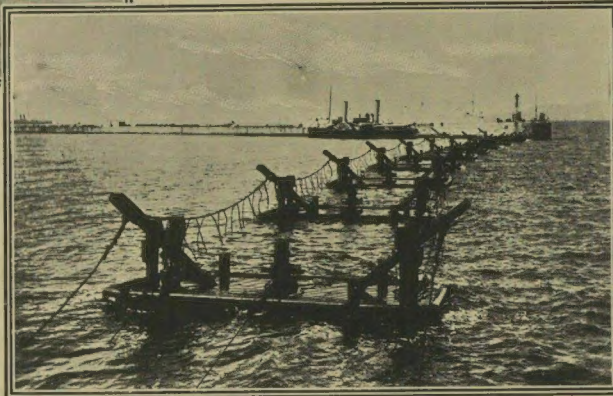


Photo, Cribb.

OLD TORPEDO-BOATS, MASQUERADING AS DESTROYERS, FOR TARGETS.

This week the "Revenge," tender to the Gunnery School at Portsmouth, practised night-firing off Selsey. The targets were torpedo-boats rigged with wooden and canvas superstructures, so as to represent the latest type of destroyers. The boats were towed past the "Revenge" at various speeds.

produce the finest tobaccos of special merits to secure a reserve stock. Some of these stocks they have now decided to amalgamate, and the result is a unique blend known as "Ardath Special," very pleasant in the pipe.



Photo, Salt.

THE DEFENCE OF GIBRALTAR: THE NEW BOOM ACROSS THE HARBOUR.

A boom has been prepared for the defence of shipping in Gibraltar Harbour. It consists of a series of pontoons held together by chains, and it will render the Harbour impregnable to torpedo attacks. The boom can be thrown across the Harbour mouth at very short notice.

ALTHOUGH Bahrein in the Persian Gulf is known chiefly to pearl-fishers as the most important of the Pearl Islands, it has a special interest of its own, because it holds a vast number of Mound Tombs in the desert of the interior. While the origin of these tombs is unknown, they are supposed by some authorities to represent the oldest piece of man's handiwork in the world. Some of the mounds are fifty feet high, others no more than twenty or thirty. Passing from Menamah, in Bahrein, the road leads through date-groves to one of the open deserts that are encountered so often in this part of the world, and there the sepulchre stretches as far as the eye can reach. A recent visitor estimates the number of tombs at more than a hundred thousand. Some Egyptologists identify Bahrein with the land of Punt, and if they are correct the antiquity of its civilisation is hard to express in terms that convey a definite idea to us. Certain of the mound tombs have been opened by order of the Indian Government, and it has been found that each mound consists of two large chambers built of great blocks of stones. Fragments of metal, unglazed pottery, and bones of the jerboa have been found in the chambers. No marks of masons' tools or inscriptions can be seen. Many hold that the Persian Gulf was the earliest home of primitive civilisation, the place where the fish-god Hea or Oannes of the Babylonians was first worshipped. It is possible that the work of the scientists now engaged upon investigations of the mound tombs of Bahrein will throw some light upon periods long lost to history, but the Earth Mother is in no haste to yield her secrets.

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and WARRINGTON. (Co. DOWN.)

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Rheumatism, Lumbago, Sprains, Bruises, Sore Throat

from Cold, Neuralgia from Cold, Cold at the Chest, Chronic Bronchitis

Backache, Cramp, Wounds, Stiffness, Soreness of the Limbs after

Cycling, Football, Rowing, Golf, &c.

8d., 1/1s., 2/9, & 4/-.

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(First Aid and Rubbing Eases Pain Handbook), 256 pages, Cloth Board Covers, Illustrated, 1/- post free to all parts of the world (foreign stamps accepted); or upon terms to be found upon labels affixed to cartons containing 1/1s., 2/9 and 4/-.

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Oakey's "WELLINGTON" Knife Polish

The Original Preparation for Cleaning and Polishing Cutlery, and all Steel, Iron, Brass, and Copper articles. Sold in Cansisters at 3d., 6d., & 1s., by Grocers, Ironmongers, Oilmen &c. Wellington Emery and Black Lead Sales, London, &c.



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OETZMANN & Co., LTD.

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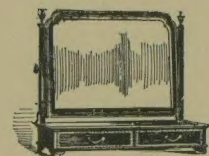
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BEAUTIFUL FURNITURE

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ILLUSTRATED CATALOGUE OF SALE PRICES**POST FREE.****RICH AXMINSTER PILE CARPETS**

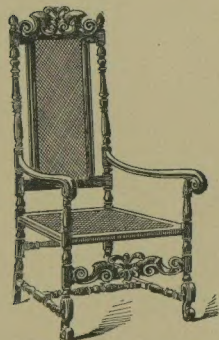
(British Make),

3/11 per yard; original price, 5 II.

Inlaid Mahogany Sheraton Toilet Mirror, fitted with two drawers, and large shaped bevelled-edge mirror, 2 ft. 4 in. wide, 2 ft. 2 in. high, **£1 12 6**



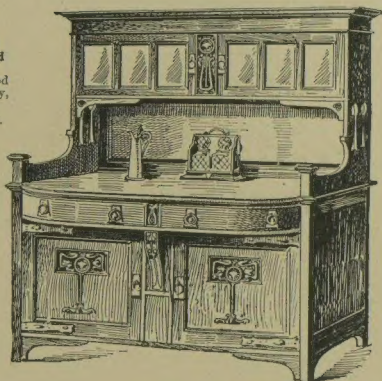
Very Handsome Heavily Silver-plated on Nickel Silver Inkstand, 12 1/2 in. long over all, fitted with 2 cut glass bottles and stamp box, **27/6** complete; usual price, 47/-.



A very fine reproduction of Carvel Antique English Walnut "William and Mary" Armchair, with cane seat and back ... **£3 10 0**
Small Chair to match ... **2 10 0**



Hall-marked Silver Handled Call Bell. 4 1/2 in. high, good tone and quality, **1/11** each; usual price, 3 6.



Very Handsome Solid Fumigated Oak Sideboard, with shaped front, cupboard enclosed with handsomely carved panels, upper portion with large bevelled edge mirror, and the two cupboards enclosed by panelled doors with "pincushion" glass, 5 ft. wide ... **£7 5 0**

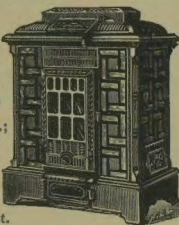
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As the dew is to the Rose
so is Icilma to the Skin.
'Tis Nature's way of
bringing Beauty.

Nature
imparts the lovely bloom
to the rose by the sap alone. **Icilma**
Water, drawn from a natural spring, alone
possesses the power of stimulating Nature to
bring in her own way life, tone, and food to the
skin. **Icilma Water** makes soft, snowy,
greaseless and deliciously-scented

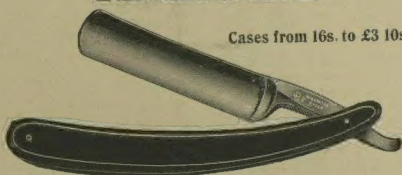
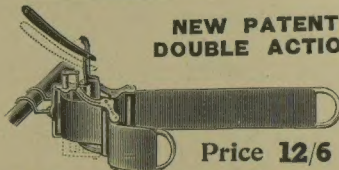
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the only cream that really prevents sunburn,
windburn and blueness from cold and gives the
lasting, pearly transparency that is the chief
attribute of

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Single Shaver in Case, 8s. 6d.; Shaver and Two Extra Blades, in Leather Case, £1; Shaver with Four Extra Blades, £1 7s. 6d. Shaver with Six Extra Blades, £1 15s.

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Unequalled for its Brilliance and
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It Cleans, Polishes, and Preserves Furniture, Brown Boots, Patent
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Zam-Buk, which is made, by a secret and wonderful scientific process—and under strictly sanitary conditions—from rare herbal juices and aromatic saps, is so pure and refined that it soaks right down into the tissue, tracking down and destroying the mischievous microbes wherever they may have penetrated.

Then, Zam-Buk helps Nature to mend the tissue, stimulating with its pure herbal juices the formation of new skin. Zam-Buk co-operation with Nature in the repairing of destroyed tissue is truly wonderful. After destroying the germs, nullifying the effect of poisonous foreign matters, soothing the pain and allaying the inflammation, it builds up new tissue-cells, and finally covers the wound with beautiful new skin. For chaps and cold sores and chilblains it is unique. Possessing real medicinal properties it accomplishes what cheap lotions and salves never can do—ends the trouble at once, and brings the skin back to complete skin health. Unlike ordinary ointments and cheap salves, Zam-Buk contains no rancid animal fats or mineral poisons, and its ever-ready character and its great suitability for everyday household hurts and accidents make it the ideal home treatment of all skin diseases and wounds.

The magic power of Zam-Buk expels all common skin troubles, and its perfect purity makes it the right thing for every skin, from infancy to old age.

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WILLS AND BEQUESTS.

THE will (dated Sept. 6, 1904), with a codicil, of MR. HENRY CALLCOTT BRUNNING, of the Stock Exchange, and the Norfolk Hotel, Brighton, who died on Sept. 21, was proved on Oct. 11 by Edwin Gamman and Henry Nathaniel Belchier, the value of the estate being £115,994. The testator bequeaths £200 per annum to his sister Grace; £200 per annum each to his sister Priscilla, and to each of her daughters as shall not have become Roman Catholics; £1000 to Edwin Gamman, and £500 to H. N. Belchier. Subject thereto, the whole of the property is to be divided amongst the Royal Masonic Institutions for Aged Freemasons, for Boys, and for Girls, the Royal Alexandra Hospital for sick children, Brighton, the Sussex County Hospital, the Royal Asylum of St. Anne's Society's Schools, the Infant Orphan Asylum, the British Orphan Asylum, the Artists' Orphan Institution, the Orphan Working School, the London Orphan Asylum, the Artists' General Benevolent Fund, and the Stock Exchange Benevolent Fund.

The will (dated April 14, 1902) of MR. DAVID MACIVER, of Manor Hill, Claughton, Chester, late M.P. for the Kirkdale Division of Liverpool, whose death took place on Sept. 1, has been proved by his wife Mrs. Edith Eleanor MacIver, the value of the property being £31,798. The testator gives certain lands and premises at Bromborough to his son Charles; and the residue of what he may die possessed of to his wife absolutely.

The will (dated Dec. 17, 1903) of MRS. ELIZARETH CLAPHAM, of Thurlby, Woodford Bridge, Essex, who died on Aug. 30, was proved on Oct. 2 by Edith Kate Clapham, the daughter, Percival Alfred Clapham and Roderic Arthur Clapham, the sons, and William Barnard, the value of the estate being sworn at £155,343. Mrs. Clapham gives the lands and premises at Riverhall

and Faulkbourne to her son Percival Alfred; £1000 to her sister, Priscilla Barnard; £100 to William Barnard; and the residue to her children.

The will (dated April 24, 1890) of MR. JAMES FIGGINS, of 39, Tavistock Square, and Ray Street, Farringdon Road, type-founder, who died on June 11, was proved on Oct. 5 by Mrs. Clara Figgins, the widow, the value of the property being £70,441. The testator gives £450 to his daughter, Florence Currie; £20,000 and all reversionary interest under the will of his father to the trustees of the marriage settlement of his daughter; £1000 to Henry Gordon Currie; and the residue of his property to his wife absolutely.

The will (dated March 2, 1904) of MR. JOHN BAYLEY LEES, of Oaklands, Church Lane, Hands-worth, who died on Aug. 14, was proved on Oct. 5 by Mrs. Amelia Lees, the widow, John Lees, the son, and George Alexander MacDonald, the value of the property being £86,463. The testator gives £1000 to his wife; £500 to the Queen's Hospital, Birmingham; £10,000, in trust, for each of his daughters, Ethel, Edith May, and Hilda; and legacies to servants. A capital sum, producing £900 a year, is to be held in trust to pay the income thereof to Mrs. Lees while she remains his widow, or £100 a year should she again marry; and, subject thereto, for his four children. The residue of his property he leaves to his son.

The will (dated Aug. 24, 1898) of MR. JOSEPH BENJAMIN BRAIN, of The Mythe, Stoke Bishop, Bristol, who died on Aug. 15, has been proved by his sons Joseph Hugh Brain and William Henry Brain and the Rev. William Henry Beach, the value of the estate being £149,279. Subject to a legacy of £1000 to his wife, he leaves all his property in trust for her for life, and then he gives his residence and furniture to his

two daughters, and the ultimate residue in equal shares to his four children, Joseph Hugh, William Henry, Ellen Catherine, and Florence Marion.

The will (dated May 30, 1905) with a codicil, of MR. GEORGE COFFIN, of Eastfield, Festing Road, Southsea, builder, who died on Aug. 14, was proved on Oct. 4 by James Coffin, Charles John Coffin, and Ernest Edwin Ball, the gross value of the estate being £214,367. The testator gives £300, the household and domestic effects, an annuity of £312, and £125 per annum for each of his children between the ages of fourteen and twenty-five years, to his wife, and legacies to executors. The residue of his property is to accumulate for twenty-one years, or until the decease of Mrs. Coffin, and then divided amongst his children.

The following important wills have now been proved—

Mrs. Margaret Lester, Farfield Hall, Addingham, York.	£47,807
Mr. David Davies, 1, Gray's Inn Place, Gray's Inn.	£47,625
Mr. John Mercer, 42, Queen's Gate, Blackpool.	£35,866
Mrs. Laura Hickley, 82, Elm Park Gardens, Chelsea.	£29,958
Mr. Theodore Herman Gaddum, of Manchester.	£27,386
Mr. Edward Harwood, Woodhouse, Olveston, Gloucester.	£80,410
Mr. Jonathan Denny, 76, East Hill, Wandsworth.	£71,142
Mr. John Gammon, Herne House, Petersfield.	£56,302
Mr. Joseph Iwi, 102, Sutherland Avenue, W.	£41,561
Mr. Charles Williams, F.R.C.S., 48, Prince of Wales Road, Norwich.	£34,353
Miss Kate Roe, 44, Mount Street, W.	£20,574
Mr. Frederick Stallard, Hope Woolth, Lewisham Hill, and 40, Chancery Lane.	£21,803

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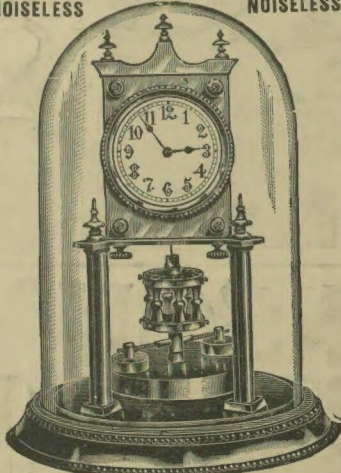
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